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*****
*
*      STAAD.Pro V8i SELECTseries4      *
*      Version  20.07.09.31             *
*      Proprietary Program of           *
*      Bentley Systems, Inc.            *
*      Date=    OCT 26, 2020            *
*      Time=    10: 5:15                *
*
*      USER ID: HP                      *
*****

```

## 1. STAAD SPACE

INPUT FILE: RAJESH KUMAR [ G+5 BUILDING ].STD

## 2. START JOB INFORMATION

3. ENGINEER DATE 26-OCT-20

4. JOB NAME RCC G+5 BUILDING

5. JOB CLIENT NSUT WEST CAMPUS

6. ENGINEER NAME RAJESH

## 7. END JOB INFORMATION

8. INPUT WIDTH 79

9. UNIT METER KN

## 10. JOINT COORDINATES

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11. 1 0 0 0; 2 3 0 0; 3 6 0 0; 4 9 0 0; 5 12 0 0; 6 0 3 0; 7 3 3 0; 8 6 3 0
12. 9 9 3 0; 10 12 3 0; 11 0 6 0; 12 3 6 0; 13 6 6 0; 14 9 6 0; 15 12 6 0
13. 16 0 9 0; 17 3 9 0; 18 6 9 0; 19 9 9 0; 20 12 9 0; 21 0 12 0; 22 3 12 0
14. 23 6 12 0; 24 9 12 0; 25 12 12 0; 26 0 15 0; 27 3 15 0; 28 6 15 0
15. 29 9 15 0; 30 12 15 0; 31 0 18 0; 32 3 18 0; 33 6 18 0; 34 9 18 0
16. 35 12 18 0; 36 0 0 3; 37 3 0 3; 38 6 0 3; 39 9 0 3; 40 12 0 3; 41 0 3 3
17. 42 3 3 3; 43 6 3 3; 44 9 3 3; 45 12 3 3; 46 0 6 3; 47 3 6 3; 48 6 6 3
18. 49 9 6 3; 50 12 6 3; 51 0 9 3; 52 3 9 3; 53 6 9 3; 54 9 9 3; 55 12 9 3
19. 56 0 12 3; 57 3 12 3; 58 6 12 3; 59 9 12 3; 60 12 12 3; 61 0 15 3
20. 62 3 15 3; 63 6 15 3; 64 9 15 3; 65 12 15 3; 66 0 18 3; 67 3 18 3
21. 68 6 18 3; 69 9 18 3; 70 12 18 3; 71 0 0 6; 72 3 0 6; 73 6 0 6
22. 74 9 0 6; 75 12 0 6; 76 0 3 6; 77 3 3 6; 78 6 3 6; 79 9 3 6; 80 12 3 6
23. 81 0 6 6; 82 3 6 6; 83 6 6 6; 84 9 6 6; 85 12 6 6; 86 0 9 6; 87 3 9 6
24. 88 6 9 6; 89 9 9 6; 90 12 9 6; 91 0 12 6; 92 3 12 6; 93 6 12 6
25. 94 9 12 6; 95 12 12 6; 96 0 15 6; 97 3 15 6; 98 6 15 6; 99 9 15 6
26. 100 12 15 6; 101 0 18 6; 102 3 18 6; 103 6 18 6; 104 9 18 6
27. 105 12 18 6; 106 0 0 9; 107 3 0 9; 108 6 0 9; 109 9 0 9; 110 12 0 9
28. 111 0 3 9; 112 3 3 9; 113 6 3 9; 114 9 3 9; 115 12 3 9; 116 0 6 9
29. 117 3 6 9; 118 6 6 9; 119 9 6 9; 120 12 6 9; 121 0 9 9; 122 3 9 9
30. 123 6 9 9; 124 9 9 9; 125 12 9 9; 126 0 12 9; 127 3 12 9; 128 6 12 9
31. 129 9 12 9; 130 12 12 9; 131 0 15 9; 132 3 15 9; 133 6 15 9; 134 9 15 9
32. 135 12 15 9; 136 0 18 9; 137 3 18 9; 138 6 18 9; 139 9 18 9
33. 140 12 18 9; 141 0 0 12; 142 3 0 12; 143 6 0 12; 144 9 0 12
34. 145 12 0 12; 146 0 3 12; 147 3 3 12; 148 6 3 12; 149 9 3 12
35. 150 12 3 12; 151 0 6 12; 152 3 6 12; 153 6 6 12; 154 9 6 12
36. 155 12 6 12; 156 0 9 12; 157 3 9 12; 158 6 9 12; 159 9 9 12
37. 160 12 9 12; 161 0 12 12; 162 3 12 12; 163 6 12 12; 164 9 12 12
38. 165 12 12 12; 166 0 15 12; 167 3 15 12; 168 6 15 12; 169 9 15 12

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39. 170 12 15 12; 171 0 18 12; 172 3 18 12; 173 6 18 12; 174 9 18 12  
40. 175 12 18 12  
41. MEMBER INCIDENCES  
42. 1 6 7; 2 7 8; 3 8 9; 4 9 10; 5 11 12; 6 12 13; 7 13 14; 8 14 15  
43. 9 16 17; 10 17 18; 11 18 19; 12 19 20; 13 21 22; 14 22 23; 15 23 24  
44. 16 24 25; 17 26 27; 18 27 28; 19 28 29; 20 29 30; 21 31 32; 22 32 33  
45. 23 33 34; 24 34 35; 25 1 6; 26 2 7; 27 3 8; 28 4 9; 29 5 10; 30 6 11  
46. 31 7 12; 32 8 13; 33 9 14; 34 10 15; 35 11 16; 36 12 17; 37 13 18  
47. 38 14 19; 39 15 20; 40 16 21; 41 17 22; 42 18 23; 43 19 24; 44 20 25  
48. 45 21 26; 46 22 27; 47 23 28; 48 24 29; 49 25 30; 50 26 31; 51 27 32  
49. 52 28 33; 53 29 34; 54 30 35; 55 41 42; 56 42 43; 57 43 44; 58 44 45  
50. 59 46 47; 60 47 48; 61 48 49; 62 49 50; 63 51 52; 64 52 53; 65 53 54  
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52. 73 63 64; 74 64 65; 75 66 67; 76 67 68; 77 68 69; 78 69 70; 79 36 41  
53. 80 37 42; 81 38 43; 82 39 44; 83 40 45; 84 41 46; 85 42 47; 86 43 48  
54. 87 44 49; 88 45 50; 89 46 51; 90 47 52; 91 48 53; 92 49 54; 93 50 55  
55. 94 51 56; 95 52 57; 96 53 58; 97 54 59; 98 55 60; 99 56 61; 100 57 62  
56. 101 58 63; 102 59 64; 103 60 65; 104 61 66; 105 62 67; 106 63 68  
57. 107 64 69; 108 65 70; 109 76 77; 110 77 78; 111 78 79; 112 79 80  
58. 113 81 82; 114 82 83; 115 83 84; 116 84 85; 117 86 87; 118 87 88  
59. 119 88 89; 120 89 90; 121 91 92; 122 92 93; 123 93 94; 124 94 95  
60. 125 96 97; 126 97 98; 127 98 99; 128 99 100; 129 101 102; 130 102 103  
61. 131 103 104; 132 104 105; 133 71 76; 134 72 77; 135 73 78; 136 74 79  
62. 137 75 80; 138 76 81; 139 77 82; 140 78 83; 141 79 84; 142 80 85  
63. 143 81 86; 144 82 87; 145 83 88; 146 84 89; 147 85 90; 148 86 91  
64. 149 87 92; 150 88 93; 151 89 94; 152 90 95; 153 91 96; 154 92 97  
65. 155 93 98; 156 94 99; 157 95 100; 158 96 101; 159 97 102; 160 98 103  
66. 161 99 104; 162 100 105; 163 111 112; 164 112 113; 165 113 114  
67. 166 114 115; 167 116 117; 168 117 118; 169 118 119; 170 119 120  
68. 171 121 122; 172 122 123; 173 123 124; 174 124 125; 175 126 127  
69. 176 127 128; 177 128 129; 178 129 130; 179 131 132; 180 132 133  
70. 181 133 134; 182 134 135; 183 136 137; 184 137 138; 185 138 139  
71. 186 139 140; 187 106 111; 188 107 112; 189 108 113; 190 109 114  
72. 191 110 115; 192 111 116; 193 112 117; 194 113 118; 195 114 119  
73. 196 115 120; 197 116 121; 198 117 122; 199 118 123; 200 119 124  
74. 201 120 125; 202 121 126; 203 122 127; 204 123 128; 205 124 129  
75. 206 125 130; 207 126 131; 208 127 132; 209 128 133; 210 129 134  
76. 211 130 135; 212 131 136; 213 132 137; 214 133 138; 215 134 139  
77. 216 135 140; 217 146 147; 218 147 148; 219 148 149; 220 149 150  
78. 221 151 152; 222 152 153; 223 153 154; 224 154 155; 225 156 157  
79. 226 157 158; 227 158 159; 228 159 160; 229 161 162; 230 162 163  
80. 231 163 164; 232 164 165; 233 166 167; 234 167 168; 235 168 169  
81. 236 169 170; 237 171 172; 238 172 173; 239 173 174; 240 174 175  
82. 241 141 146; 242 142 147; 243 143 148; 244 144 149; 245 145 150  
83. 246 146 151; 247 147 152; 248 148 153; 249 149 154; 250 150 155  
84. 251 151 156; 252 152 157; 253 153 158; 254 154 159; 255 155 160  
85. 256 156 161; 257 157 162; 258 158 163; 259 159 164; 260 160 165  
86. 261 161 166; 262 162 167; 263 163 168; 264 164 169; 265 165 170  
87. 266 166 171; 267 167 172; 268 168 173; 269 169 174; 270 170 175  
88. 271 6 41; 272 7 42; 273 8 43; 274 9 44; 275 10 45; 276 11 46; 277 12 47  
89. 278 13 48; 279 14 49; 280 15 50; 281 16 51; 282 17 52; 283 18 53  
90. 284 19 54; 285 20 55; 286 21 56; 287 22 57; 288 23 58; 289 24 59  
91. 290 25 60; 291 26 61; 292 27 62; 293 28 63; 294 29 64; 295 30 65  
92. 296 31 66; 297 32 67; 298 33 68; 299 34 69; 300 35 70; 301 41 76  
93. 302 42 77; 303 43 78; 304 44 79; 305 45 80; 306 46 81; 307 47 82  
94. 308 48 83; 309 49 84; 310 50 85; 311 51 86; 312 52 87; 313 53 88

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95. 314 54 89; 315 55 90; 316 56 91; 317 57 92; 318 58 93; 319 59 94
96. 320 60 95; 321 61 96; 322 62 97; 323 63 98; 324 64 99; 325 65 100
97. 326 66 101; 327 67 102; 328 68 103; 329 69 104; 330 70 105; 331 76 111
98. 332 77 112; 333 78 113; 334 79 114; 335 80 115; 336 81 116; 337 82 117
99. 338 83 118; 339 84 119; 340 85 120; 341 86 121; 342 87 122; 343 88 123
100. 344 89 124; 345 90 125; 346 91 126; 347 92 127; 348 93 128; 349 94 129
101. 350 95 130; 351 96 131; 352 97 132; 353 98 133; 354 99 134; 355 100 135
102. 356 101 136; 357 102 137; 358 103 138; 359 104 139; 360 105 140
103. 361 111 146; 362 112 147; 363 113 148; 364 114 149; 365 115 150
104. 366 116 151; 367 117 152; 368 118 153; 369 119 154; 370 120 155
105. 371 121 156; 372 122 157; 373 123 158; 374 124 159; 375 125 160
106. 376 126 161; 377 127 162; 378 128 163; 379 129 164; 380 130 165
107. 381 131 166; 382 132 167; 383 133 168; 384 134 169; 385 135 170
108. 386 136 171; 387 137 172; 388 138 173; 389 139 174; 390 140 175
109. DEFINE MATERIAL START
110. ISOTROPIC CONCRETE
111. E 2.17185E+007
112. POISSON 0.17
113. DENSITY 23.5616
114. ALPHA 1E-005
115. DAMP 0.05
116. TYPE CONCRETE
117. STRENGTH FCU 27579
118. END DEFINE MATERIAL
119. MEMBER PROPERTY
120. 25 TO 54 79 TO 108 133 TO 162 187 TO 216 241 TO 270 PRIS YD 0.45 ZD 0.45
121. 1 TO 24 55 TO 78 109 TO 132 163 TO 186 217 TO 240 271 TO 389 -
122. 390 PRIS YD 0.4 ZD 0.4
123. CONSTANTS
124. MATERIAL CONCRETE ALL
125. SUPPORTS
126. 1 TO 5 36 TO 40 71 TO 75 106 TO 110 141 TO 145 FIXED
127. DEFINE 1893 LOAD
128. ZONE 0.24 RF 5 I 1 SS 2 ST 1 DM 0.5 DT 5
129. SELFWEIGHT 1
130. FLOOR WEIGHT
**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 Note 6.

131. YRANGE 0 18 FLOAD -4
132. DEFINE WIND LOAD
133. TYPE 1 WIND 1
134. <! STAAD PRO GENERATED DATA DO NOT MODIFY !!!
135. ASCE-7-2010:PARAMS 47.000 MPH 0 1 1 0 0.000 FT 0.000 FT 0.000 FT 1 -
136. 1 18.000 M 12.000 M 12.000 M 2.000 0.050 0 -
137. 0 0 0 0 0.850 1.000 1.000 0.850 0 -
138. 0 0 0 0.854 0.800 -0.550
139. !> END GENERATED DATA BLOCK
140. INT 0.197996 0.197996 0.203412 0.208156 0.212397 0.216248 0.219786 -
141. 0.223064 0.226125 0.229 0.231714 0.234287 0.236736 0.239075 0.241313 -
142. HEIG 0 4.572 5.60492 6.63785 7.67077 8.70369 9.73662 10.7695 -
143. 11.8025 12.8354 13.8683 14.9012 15.9341 16.9671 18
144. EXP 1 JOINT 1 TO 175

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145. LOAD 1 LOADTYPE SEISMIC  TITLE SL X
146. 1893 LOAD X 1
147. LOAD 2 LOADTYPE SEISMIC  TITLE SL Z
148. 1893 LOAD Z 1
149. LOAD 3 LOADTYPE WIND  TITLE WL X
150. WIND LOAD X 1 TYPE 1 YR 0 18
151. LOAD 4 LOADTYPE WIND  TITLE WL Z
152. WIND LOAD Z 1 TYPE 1 YR 0 18
153. LOAD 7 LOADTYPE DEAD  TITLE DL
154. SELFWEIGHT Y -1 LIST ALL
155. FLOOR LOAD
156. YRANGE 0 18 FLOAD -4 GY
157. MEMBER LOAD
158. 1 TO 390 UNI GY -15
159. LOAD 8 LOADTYPE LIVE REDUCIBLE TITLE LL
160. FLOOR LOAD
161. YRANGE 0 18 FLOAD -4 GY
162. LOAD COMB 5 COMBINATION LOAD CASE 5
163. 1 1.5 3 1.5
164. LOAD COMB 6 COMBINATION LOAD CASE 6
165. 2 1.5 4 1.5
166. LOAD COMB 9 GENERATED INDIAN CODE GENRAL_STRUCTURES 1
167. 7 1.5 8 1.5
168. PERFORM ANALYSIS PRINT ALL

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

NUMBER OF JOINTS	175	NUMBER OF MEMBERS	390
NUMBER OF PLATES	0	NUMBER OF SOLIDS	0
NUMBER OF SURFACES	0	NUMBER OF SUPPORTS	25

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SOLVER USED IS THE IN-CORE ADVANCED SOLVER

TOTAL PRIMARY LOAD CASES = 6, TOTAL DEGREES OF FREEDOM = 900

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LOADING 1 LOADTYPE SEISMIC TITLE SL X  
-----

LOADING 2 LOADTYPE SEISMIC TITLE SL Z  
-----

LOADING 3 LOADTYPE WIND TITLE WL X  
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JOINT LOAD - UNIT KN METE

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
1	0.45	0.00	0.00	0.00	0.00	0.00
6	0.89	0.00	0.00	0.00	0.00	0.00
11	0.93	0.00	0.00	0.00	0.00	0.00
16	0.99	0.00	0.00	0.00	0.00	0.00
21	1.03	0.00	0.00	0.00	0.00	0.00
26	1.06	0.00	0.00	0.00	0.00	0.00
31	0.54	0.00	0.00	0.00	0.00	0.00
36	0.89	0.00	0.00	0.00	0.00	0.00
41	1.78	0.00	0.00	0.00	0.00	0.00
46	1.87	0.00	0.00	0.00	0.00	0.00
51	1.97	0.00	0.00	0.00	0.00	0.00
56	2.05	0.00	0.00	0.00	0.00	0.00
61	2.12	0.00	0.00	0.00	0.00	0.00
66	1.08	0.00	0.00	0.00	0.00	0.00
71	0.89	0.00	0.00	0.00	0.00	0.00
76	1.78	0.00	0.00	0.00	0.00	0.00
81	1.87	0.00	0.00	0.00	0.00	0.00
86	1.97	0.00	0.00	0.00	0.00	0.00
91	2.05	0.00	0.00	0.00	0.00	0.00
96	2.12	0.00	0.00	0.00	0.00	0.00
101	1.08	0.00	0.00	0.00	0.00	0.00
106	0.89	0.00	0.00	0.00	0.00	0.00
111	1.78	0.00	0.00	0.00	0.00	0.00
116	1.87	0.00	0.00	0.00	0.00	0.00
121	1.97	0.00	0.00	0.00	0.00	0.00
126	2.05	0.00	0.00	0.00	0.00	0.00
131	2.12	0.00	0.00	0.00	0.00	0.00
136	1.08	0.00	0.00	0.00	0.00	0.00
141	0.45	0.00	0.00	0.00	0.00	0.00
146	0.89	0.00	0.00	0.00	0.00	0.00
151	0.93	0.00	0.00	0.00	0.00	0.00
156	0.99	0.00	0.00	0.00	0.00	0.00
161	1.03	0.00	0.00	0.00	0.00	0.00
166	1.06	0.00	0.00	0.00	0.00	0.00
171	0.54	0.00	0.00	0.00	0.00	0.00

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LOADING 4 LOADTYPE WIND TITLE WL Z  
-----

JOINT LOAD - UNIT KN METE

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
1	0.00	0.00	0.45	0.00	0.00	0.00
2	0.00	0.00	0.89	0.00	0.00	0.00
3	0.00	0.00	0.89	0.00	0.00	0.00
4	0.00	0.00	0.89	0.00	0.00	0.00
5	0.00	0.00	0.45	0.00	0.00	0.00
6	0.00	0.00	0.89	0.00	0.00	0.00
7	0.00	0.00	1.78	0.00	0.00	0.00
8	0.00	0.00	1.78	0.00	0.00	0.00
9	0.00	0.00	1.78	0.00	0.00	0.00
10	0.00	0.00	0.89	0.00	0.00	0.00
11	0.00	0.00	0.93	0.00	0.00	0.00
12	0.00	0.00	1.87	0.00	0.00	0.00
13	0.00	0.00	1.87	0.00	0.00	0.00
14	0.00	0.00	1.87	0.00	0.00	0.00
15	0.00	0.00	0.93	0.00	0.00	0.00
16	0.00	0.00	0.99	0.00	0.00	0.00
17	0.00	0.00	1.97	0.00	0.00	0.00
18	0.00	0.00	1.97	0.00	0.00	0.00
19	0.00	0.00	1.97	0.00	0.00	0.00
20	0.00	0.00	0.99	0.00	0.00	0.00
21	0.00	0.00	1.03	0.00	0.00	0.00
22	0.00	0.00	2.05	0.00	0.00	0.00
23	0.00	0.00	2.05	0.00	0.00	0.00
24	0.00	0.00	2.05	0.00	0.00	0.00
25	0.00	0.00	1.03	0.00	0.00	0.00
26	0.00	0.00	1.06	0.00	0.00	0.00
27	0.00	0.00	2.12	0.00	0.00	0.00
28	0.00	0.00	2.12	0.00	0.00	0.00
29	0.00	0.00	2.12	0.00	0.00	0.00
30	0.00	0.00	1.06	0.00	0.00	0.00
31	0.00	0.00	0.54	0.00	0.00	0.00
32	0.00	0.00	1.08	0.00	0.00	0.00
33	0.00	0.00	1.08	0.00	0.00	0.00
34	0.00	0.00	1.08	0.00	0.00	0.00
35	0.00	0.00	0.54	0.00	0.00	0.00

LOADING 7 LOADTYPE DEAD TITLE DL  
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SELFWEIGHT Y -1.000

ACTUAL WEIGHT OF THE STRUCTURE = 4861.353 KN

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## MEMBER LOAD - UNIT KN      METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
1				-0.0703 GY	0.12		
1				-0.2109 GY	0.29		
1				-0.3516 GY	0.47		
1				-0.4922 GY	0.66		
1				-0.6328 GY	0.85		
1				-0.7734 GY	1.03		
1				-0.9141 GY	1.22		
1				-1.0547 GY	1.41		
1				-1.0547 GY	1.59		
1				-0.9141 GY	1.78		
1				-0.7734 GY	1.97		
1				-0.6328 GY	2.15		
1				-0.4922 GY	2.34		
1				-0.3516 GY	2.53		
1				-0.2109 GY	2.71		
1				-0.0703 GY	2.88		
272				-0.0703 GY	0.12		
272				-0.2109 GY	0.29		
272				-0.3516 GY	0.47		
272				-0.4922 GY	0.66		
272				-0.6328 GY	0.85		
272				-0.7734 GY	1.03		
272				-0.9141 GY	1.22		
272				-1.0547 GY	1.41		
272				-1.0547 GY	1.59		
272				-0.9141 GY	1.78		
272				-0.7734 GY	1.97		
272				-0.6328 GY	2.15		
272				-0.4922 GY	2.34		
272				-0.3516 GY	2.53		
272				-0.2109 GY	2.71		
272				-0.0703 GY	2.88		
55				-0.0703 GY	0.12		
55				-0.2109 GY	0.29		
55				-0.3516 GY	0.47		
55				-0.4922 GY	0.66		
55				-0.6328 GY	0.85		
55				-0.7734 GY	1.03		
55				-0.9141 GY	1.22		
55				-1.0547 GY	1.41		
55				-1.0547 GY	1.59		
55				-0.9141 GY	1.78		
55				-0.7734 GY	1.97		
55				-0.6328 GY	2.15		
55				-0.4922 GY	2.34		
55				-0.3516 GY	2.53		
55				-0.2109 GY	2.71		
55				-0.0703 GY	2.88		
271				-0.0703 GY	0.12		
271				-0.2109 GY	0.29		



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271	-0.3516 GY	0.47
271	-0.4922 GY	0.66
271	-0.6328 GY	0.85
271	-0.7734 GY	1.03
271	-0.9141 GY	1.22
271	-1.0547 GY	1.41
271	-1.0547 GY	1.59
271	-0.9141 GY	1.78
271	-0.7734 GY	1.97
271	-0.6328 GY	2.15
271	-0.4922 GY	2.34
271	-0.3516 GY	2.53
271	-0.2109 GY	2.71
271	-0.0703 GY	2.88
2	-0.0703 GY	0.12
2	-0.2109 GY	0.29
2	-0.3516 GY	0.47
2	-0.4922 GY	0.66
2	-0.6328 GY	0.85
2	-0.7734 GY	1.03
2	-0.9141 GY	1.22
2	-1.0547 GY	1.41
2	-1.0547 GY	1.59
2	-0.9141 GY	1.78
2	-0.7734 GY	1.97
2	-0.6328 GY	2.15
2	-0.4922 GY	2.34
2	-0.3516 GY	2.53
2	-0.2109 GY	2.71
2	-0.0703 GY	2.88
273	-0.0703 GY	0.12
273	-0.2109 GY	0.29
273	-0.3516 GY	0.47
273	-0.4922 GY	0.66
273	-0.6328 GY	0.85
273	-0.7734 GY	1.03
273	-0.9141 GY	1.22
273	-1.0547 GY	1.41
273	-1.0547 GY	1.59
273	-0.9141 GY	1.78
273	-0.7734 GY	1.97
273	-0.6328 GY	2.15
273	-0.4922 GY	2.34
273	-0.3516 GY	2.53
273	-0.2109 GY	2.71
273	-0.0703 GY	2.88
56	-0.0703 GY	0.12
56	-0.2109 GY	0.29
56	-0.3516 GY	0.47
56	-0.4922 GY	0.66
56	-0.6328 GY	0.85
56	-0.7734 GY	1.03
56	-0.9141 GY	1.22
56	-1.0547 GY	1.41
56	-1.0547 GY	1.59
56	-0.9141 GY	1.78

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56	-0.7734 GY	1.97
56	-0.6328 GY	2.15
56	-0.4922 GY	2.34
56	-0.3516 GY	2.53
56	-0.2109 GY	2.71
56	-0.0703 GY	2.88
272	-0.0703 GY	0.12
272	-0.2109 GY	0.29
272	-0.3516 GY	0.47
272	-0.4922 GY	0.66
272	-0.6328 GY	0.85
272	-0.7734 GY	1.03
272	-0.9141 GY	1.22
272	-1.0547 GY	1.41
272	-1.0547 GY	1.59
272	-0.9141 GY	1.78
272	-0.7734 GY	1.97
272	-0.6328 GY	2.15
272	-0.4922 GY	2.34
272	-0.3516 GY	2.53
272	-0.2109 GY	2.71
272	-0.0703 GY	2.88
3	-0.0703 GY	0.13
3	-0.2109 GY	0.29
3	-0.3516 GY	0.48
3	-0.4922 GY	0.66
3	-0.6328 GY	0.85
3	-0.7734 GY	1.03
3	-0.9141 GY	1.22
3	-1.0547 GY	1.41
3	-1.0547 GY	1.59
3	-0.9141 GY	1.78
3	-0.7734 GY	1.97
3	-0.6328 GY	2.15
3	-0.4922 GY	2.34
3	-0.3516 GY	2.53
3	-0.2109 GY	2.71
3	-0.0703 GY	2.88
274	-0.0703 GY	0.12
274	-0.2109 GY	0.29
274	-0.3516 GY	0.47
274	-0.4922 GY	0.66
274	-0.6328 GY	0.85
274	-0.7734 GY	1.03
274	-0.9141 GY	1.22
274	-1.0547 GY	1.41
274	-1.0547 GY	1.59
274	-0.9141 GY	1.78
274	-0.7734 GY	1.97
274	-0.6328 GY	2.15
274	-0.4922 GY	2.34
274	-0.3516 GY	2.53
274	-0.2109 GY	2.71
274	-0.0703 GY	2.88
57	-0.0703 GY	0.13
57	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 11

57	-0.3516	GY	0.48
57	-0.4922	GY	0.66
57	-0.6328	GY	0.85
57	-0.7734	GY	1.03
57	-0.9141	GY	1.22
57	-1.0547	GY	1.41
57	-1.0547	GY	1.59
57	-0.9141	GY	1.78
57	-0.7734	GY	1.97
57	-0.6328	GY	2.15
57	-0.4922	GY	2.34
57	-0.3516	GY	2.53
57	-0.2109	GY	2.71
57	-0.0703	GY	2.88
273	-0.0703	GY	0.12
273	-0.2109	GY	0.29
273	-0.3516	GY	0.47
273	-0.4922	GY	0.66
273	-0.6328	GY	0.85
273	-0.7734	GY	1.03
273	-0.9141	GY	1.22
273	-1.0547	GY	1.41
273	-1.0547	GY	1.59
273	-0.9141	GY	1.78
273	-0.7734	GY	1.97
273	-0.6328	GY	2.15
273	-0.4922	GY	2.34
273	-0.3516	GY	2.53
273	-0.2109	GY	2.71
273	-0.0703	GY	2.88
4	-0.0703	GY	0.12
4	-0.2109	GY	0.29
4	-0.3516	GY	0.47
4	-0.4922	GY	0.66
4	-0.6328	GY	0.85
4	-0.7734	GY	1.03
4	-0.9141	GY	1.22
4	-1.0547	GY	1.41
4	-1.0547	GY	1.59
4	-0.9141	GY	1.78
4	-0.7734	GY	1.97
4	-0.6328	GY	2.15
4	-0.4922	GY	2.34
4	-0.3516	GY	2.52
4	-0.2109	GY	2.71
4	-0.0703	GY	2.87
275	-0.0703	GY	0.12
275	-0.2109	GY	0.29
275	-0.3516	GY	0.47
275	-0.4922	GY	0.66
275	-0.6328	GY	0.85
275	-0.7734	GY	1.03
275	-0.9141	GY	1.22
275	-1.0547	GY	1.41
275	-1.0547	GY	1.59
275	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 12

275	-0.7734 GY	1.97
275	-0.6328 GY	2.15
275	-0.4922 GY	2.34
275	-0.3516 GY	2.53
275	-0.2109 GY	2.71
275	-0.0703 GY	2.88
58	-0.0703 GY	0.12
58	-0.2109 GY	0.29
58	-0.3516 GY	0.47
58	-0.4922 GY	0.66
58	-0.6328 GY	0.85
58	-0.7734 GY	1.03
58	-0.9141 GY	1.22
58	-1.0547 GY	1.41
58	-1.0547 GY	1.59
58	-0.9141 GY	1.78
58	-0.7734 GY	1.97
58	-0.6328 GY	2.15
58	-0.4922 GY	2.34
58	-0.3516 GY	2.52
58	-0.2109 GY	2.71
58	-0.0703 GY	2.87
274	-0.0703 GY	0.12
274	-0.2109 GY	0.29
274	-0.3516 GY	0.47
274	-0.4922 GY	0.66
274	-0.6328 GY	0.85
274	-0.7734 GY	1.03
274	-0.9141 GY	1.22
274	-1.0547 GY	1.41
274	-1.0547 GY	1.59
274	-0.9141 GY	1.78
274	-0.7734 GY	1.97
274	-0.6328 GY	2.15
274	-0.4922 GY	2.34
274	-0.3516 GY	2.53
274	-0.2109 GY	2.71
274	-0.0703 GY	2.88
55	-0.0703 GY	0.12
55	-0.2109 GY	0.29
55	-0.3516 GY	0.47
55	-0.4922 GY	0.66
55	-0.6328 GY	0.85
55	-0.7734 GY	1.03
55	-0.9141 GY	1.22
55	-1.0547 GY	1.41
55	-1.0547 GY	1.59
55	-0.9141 GY	1.78
55	-0.7734 GY	1.97
55	-0.6328 GY	2.15
55	-0.4922 GY	2.34
55	-0.3516 GY	2.53
55	-0.2109 GY	2.71
55	-0.0703 GY	2.88
302	-0.0703 GY	0.12
302	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 13

302	-0.3516 GY	0.47
302	-0.4922 GY	0.66
302	-0.6328 GY	0.85
302	-0.7734 GY	1.03
302	-0.9141 GY	1.22
302	-1.0547 GY	1.41
302	-1.0547 GY	1.59
302	-0.9141 GY	1.78
302	-0.7734 GY	1.97
302	-0.6328 GY	2.15
302	-0.4922 GY	2.34
302	-0.3516 GY	2.53
302	-0.2109 GY	2.71
302	-0.0703 GY	2.88
109	-0.0703 GY	0.12
109	-0.2109 GY	0.29
109	-0.3516 GY	0.47
109	-0.4922 GY	0.66
109	-0.6328 GY	0.85
109	-0.7734 GY	1.03
109	-0.9141 GY	1.22
109	-1.0547 GY	1.41
109	-1.0547 GY	1.59
109	-0.9141 GY	1.78
109	-0.7734 GY	1.97
109	-0.6328 GY	2.15
109	-0.4922 GY	2.34
109	-0.3516 GY	2.53
109	-0.2109 GY	2.71
109	-0.0703 GY	2.88
301	-0.0703 GY	0.12
301	-0.2109 GY	0.29
301	-0.3516 GY	0.47
301	-0.4922 GY	0.66
301	-0.6328 GY	0.85
301	-0.7734 GY	1.03
301	-0.9141 GY	1.22
301	-1.0547 GY	1.41
301	-1.0547 GY	1.59
301	-0.9141 GY	1.78
301	-0.7734 GY	1.97
301	-0.6328 GY	2.15
301	-0.4922 GY	2.34
301	-0.3516 GY	2.53
301	-0.2109 GY	2.71
301	-0.0703 GY	2.88
56	-0.0703 GY	0.12
56	-0.2109 GY	0.29
56	-0.3516 GY	0.47
56	-0.4922 GY	0.66
56	-0.6328 GY	0.85
56	-0.7734 GY	1.03
56	-0.9141 GY	1.22
56	-1.0547 GY	1.41
56	-1.0547 GY	1.59
56	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 14

56	-0.7734 GY	1.97
56	-0.6328 GY	2.15
56	-0.4922 GY	2.34
56	-0.3516 GY	2.53
56	-0.2109 GY	2.71
56	-0.0703 GY	2.88
303	-0.0703 GY	0.12
303	-0.2109 GY	0.29
303	-0.3516 GY	0.47
303	-0.4922 GY	0.66
303	-0.6328 GY	0.85
303	-0.7734 GY	1.03
303	-0.9141 GY	1.22
303	-1.0547 GY	1.41
303	-1.0547 GY	1.59
303	-0.9141 GY	1.78
303	-0.7734 GY	1.97
303	-0.6328 GY	2.15
303	-0.4922 GY	2.34
303	-0.3516 GY	2.53
303	-0.2109 GY	2.71
303	-0.0703 GY	2.88
110	-0.0703 GY	0.12
110	-0.2109 GY	0.29
110	-0.3516 GY	0.47
110	-0.4922 GY	0.66
110	-0.6328 GY	0.85
110	-0.7734 GY	1.03
110	-0.9141 GY	1.22
110	-1.0547 GY	1.41
110	-1.0547 GY	1.59
110	-0.9141 GY	1.78
110	-0.7734 GY	1.97
110	-0.6328 GY	2.15
110	-0.4922 GY	2.34
110	-0.3516 GY	2.53
110	-0.2109 GY	2.71
110	-0.0703 GY	2.88
302	-0.0703 GY	0.12
302	-0.2109 GY	0.29
302	-0.3516 GY	0.47
302	-0.4922 GY	0.66
302	-0.6328 GY	0.85
302	-0.7734 GY	1.03
302	-0.9141 GY	1.22
302	-1.0547 GY	1.41
302	-1.0547 GY	1.59
302	-0.9141 GY	1.78
302	-0.7734 GY	1.97
302	-0.6328 GY	2.15
302	-0.4922 GY	2.34
302	-0.3516 GY	2.53
302	-0.2109 GY	2.71
302	-0.0703 GY	2.88
57	-0.0703 GY	0.13
57	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 15

57	-0.3516 GY	0.48
57	-0.4922 GY	0.66
57	-0.6328 GY	0.85
57	-0.7734 GY	1.03
57	-0.9141 GY	1.22
57	-1.0547 GY	1.41
57	-1.0547 GY	1.59
57	-0.9141 GY	1.78
57	-0.7734 GY	1.97
57	-0.6328 GY	2.15
57	-0.4922 GY	2.34
57	-0.3516 GY	2.53
57	-0.2109 GY	2.71
57	-0.0703 GY	2.88
304	-0.0703 GY	0.12
304	-0.2109 GY	0.29
304	-0.3516 GY	0.47
304	-0.4922 GY	0.66
304	-0.6328 GY	0.85
304	-0.7734 GY	1.03
304	-0.9141 GY	1.22
304	-1.0547 GY	1.41
304	-1.0547 GY	1.59
304	-0.9141 GY	1.78
304	-0.7734 GY	1.97
304	-0.6328 GY	2.15
304	-0.4922 GY	2.34
304	-0.3516 GY	2.53
304	-0.2109 GY	2.71
304	-0.0703 GY	2.88
111	-0.0703 GY	0.13
111	-0.2109 GY	0.29
111	-0.3516 GY	0.48
111	-0.4922 GY	0.66
111	-0.6328 GY	0.85
111	-0.7734 GY	1.03
111	-0.9141 GY	1.22
111	-1.0547 GY	1.41
111	-1.0547 GY	1.59
111	-0.9141 GY	1.78
111	-0.7734 GY	1.97
111	-0.6328 GY	2.15
111	-0.4922 GY	2.34
111	-0.3516 GY	2.53
111	-0.2109 GY	2.71
111	-0.0703 GY	2.88
303	-0.0703 GY	0.12
303	-0.2109 GY	0.29
303	-0.3516 GY	0.47
303	-0.4922 GY	0.66
303	-0.6328 GY	0.85
303	-0.7734 GY	1.03
303	-0.9141 GY	1.22
303	-1.0547 GY	1.41
303	-1.0547 GY	1.59
303	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 16

303	-0.7734 GY	1.97
303	-0.6328 GY	2.15
303	-0.4922 GY	2.34
303	-0.3516 GY	2.53
303	-0.2109 GY	2.71
303	-0.0703 GY	2.88
58	-0.0703 GY	0.12
58	-0.2109 GY	0.29
58	-0.3516 GY	0.47
58	-0.4922 GY	0.66
58	-0.6328 GY	0.85
58	-0.7734 GY	1.03
58	-0.9141 GY	1.22
58	-1.0547 GY	1.41
58	-1.0547 GY	1.59
58	-0.9141 GY	1.78
58	-0.7734 GY	1.97
58	-0.6328 GY	2.15
58	-0.4922 GY	2.34
58	-0.3516 GY	2.52
58	-0.2109 GY	2.71
58	-0.0703 GY	2.87
305	-0.0703 GY	0.12
305	-0.2109 GY	0.29
305	-0.3516 GY	0.47
305	-0.4922 GY	0.66
305	-0.6328 GY	0.85
305	-0.7734 GY	1.03
305	-0.9141 GY	1.22
305	-1.0547 GY	1.41
305	-1.0547 GY	1.59
305	-0.9141 GY	1.78
305	-0.7734 GY	1.97
305	-0.6328 GY	2.15
305	-0.4922 GY	2.34
305	-0.3516 GY	2.53
305	-0.2109 GY	2.71
305	-0.0703 GY	2.88
112	-0.0703 GY	0.12
112	-0.2109 GY	0.29
112	-0.3516 GY	0.47
112	-0.4922 GY	0.66
112	-0.6328 GY	0.85
112	-0.7734 GY	1.03
112	-0.9141 GY	1.22
112	-1.0547 GY	1.41
112	-1.0547 GY	1.59
112	-0.9141 GY	1.78
112	-0.7734 GY	1.97
112	-0.6328 GY	2.15
112	-0.4922 GY	2.34
112	-0.3516 GY	2.52
112	-0.2109 GY	2.71
112	-0.0703 GY	2.87
304	-0.0703 GY	0.12
304	-0.2109 GY	0.29



STAAD SPACE

-- PAGE NO. 17

304	-0.3516	GY	0.47
304	-0.4922	GY	0.66
304	-0.6328	GY	0.85
304	-0.7734	GY	1.03
304	-0.9141	GY	1.22
304	-1.0547	GY	1.41
304	-1.0547	GY	1.59
304	-0.9141	GY	1.78
304	-0.7734	GY	1.97
304	-0.6328	GY	2.15
304	-0.4922	GY	2.34
304	-0.3516	GY	2.53
304	-0.2109	GY	2.71
304	-0.0703	GY	2.88
109	-0.0703	GY	0.12
109	-0.2109	GY	0.29
109	-0.3516	GY	0.47
109	-0.4922	GY	0.66
109	-0.6328	GY	0.85
109	-0.7734	GY	1.03
109	-0.9141	GY	1.22
109	-1.0547	GY	1.41
109	-1.0547	GY	1.59
109	-0.9141	GY	1.78
109	-0.7734	GY	1.97
109	-0.6328	GY	2.15
109	-0.4922	GY	2.34
109	-0.3516	GY	2.53
109	-0.2109	GY	2.71
109	-0.0703	GY	2.88
332	-0.0703	GY	0.13
332	-0.2109	GY	0.29
332	-0.3516	GY	0.48
332	-0.4922	GY	0.66
332	-0.6328	GY	0.85
332	-0.7734	GY	1.03
332	-0.9141	GY	1.22
332	-1.0547	GY	1.41
332	-1.0547	GY	1.59
332	-0.9141	GY	1.78
332	-0.7734	GY	1.97
332	-0.6328	GY	2.15
332	-0.4922	GY	2.34
332	-0.3516	GY	2.53
332	-0.2109	GY	2.71
332	-0.0703	GY	2.88
163	-0.0703	GY	0.12
163	-0.2109	GY	0.29
163	-0.3516	GY	0.47
163	-0.4922	GY	0.66
163	-0.6328	GY	0.85
163	-0.7734	GY	1.03
163	-0.9141	GY	1.22
163	-1.0547	GY	1.41
163	-1.0547	GY	1.59
163	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 18

163	-0.7734 GY	1.97
163	-0.6328 GY	2.15
163	-0.4922 GY	2.34
163	-0.3516 GY	2.53
163	-0.2109 GY	2.71
163	-0.0703 GY	2.88
331	-0.0703 GY	0.13
331	-0.2109 GY	0.29
331	-0.3516 GY	0.48
331	-0.4922 GY	0.66
331	-0.6328 GY	0.85
331	-0.7734 GY	1.03
331	-0.9141 GY	1.22
331	-1.0547 GY	1.41
331	-1.0547 GY	1.59
331	-0.9141 GY	1.78
331	-0.7734 GY	1.97
331	-0.6328 GY	2.15
331	-0.4922 GY	2.34
331	-0.3516 GY	2.53
331	-0.2109 GY	2.71
331	-0.0703 GY	2.88
110	-0.0703 GY	0.12
110	-0.2109 GY	0.29
110	-0.3516 GY	0.47
110	-0.4922 GY	0.66
110	-0.6328 GY	0.85
110	-0.7734 GY	1.03
110	-0.9141 GY	1.22
110	-1.0547 GY	1.41
110	-1.0547 GY	1.59
110	-0.9141 GY	1.78
110	-0.7734 GY	1.97
110	-0.6328 GY	2.15
110	-0.4922 GY	2.34
110	-0.3516 GY	2.53
110	-0.2109 GY	2.71
110	-0.0703 GY	2.88
333	-0.0703 GY	0.13
333	-0.2109 GY	0.29
333	-0.3516 GY	0.48
333	-0.4922 GY	0.66
333	-0.6328 GY	0.85
333	-0.7734 GY	1.03
333	-0.9141 GY	1.22
333	-1.0547 GY	1.41
333	-1.0547 GY	1.59
333	-0.9141 GY	1.78
333	-0.7734 GY	1.97
333	-0.6328 GY	2.15
333	-0.4922 GY	2.34
333	-0.3516 GY	2.53
333	-0.2109 GY	2.71
333	-0.0703 GY	2.88
164	-0.0703 GY	0.12
164	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 19

164	-0.3516 GY	0.47
164	-0.4922 GY	0.66
164	-0.6328 GY	0.85
164	-0.7734 GY	1.03
164	-0.9141 GY	1.22
164	-1.0547 GY	1.41
164	-1.0547 GY	1.59
164	-0.9141 GY	1.78
164	-0.7734 GY	1.97
164	-0.6328 GY	2.15
164	-0.4922 GY	2.34
164	-0.3516 GY	2.53
164	-0.2109 GY	2.71
164	-0.0703 GY	2.88
332	-0.0703 GY	0.13
332	-0.2109 GY	0.29
332	-0.3516 GY	0.48
332	-0.4922 GY	0.66
332	-0.6328 GY	0.85
332	-0.7734 GY	1.03
332	-0.9141 GY	1.22
332	-1.0547 GY	1.41
332	-1.0547 GY	1.59
332	-0.9141 GY	1.78
332	-0.7734 GY	1.97
332	-0.6328 GY	2.15
332	-0.4922 GY	2.34
332	-0.3516 GY	2.53
332	-0.2109 GY	2.71
332	-0.0703 GY	2.88
111	-0.0703 GY	0.13
111	-0.2109 GY	0.29
111	-0.3516 GY	0.48
111	-0.4922 GY	0.66
111	-0.6328 GY	0.85
111	-0.7734 GY	1.03
111	-0.9141 GY	1.22
111	-1.0547 GY	1.41
111	-1.0547 GY	1.59
111	-0.9141 GY	1.78
111	-0.7734 GY	1.97
111	-0.6328 GY	2.15
111	-0.4922 GY	2.34
111	-0.3516 GY	2.53
111	-0.2109 GY	2.71
111	-0.0703 GY	2.88
334	-0.0703 GY	0.13
334	-0.2109 GY	0.29
334	-0.3516 GY	0.48
334	-0.4922 GY	0.66
334	-0.6328 GY	0.85
334	-0.7734 GY	1.03
334	-0.9141 GY	1.22
334	-1.0547 GY	1.41
334	-1.0547 GY	1.59
334	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 20

334	-0.7734 GY	1.97
334	-0.6328 GY	2.15
334	-0.4922 GY	2.34
334	-0.3516 GY	2.53
334	-0.2109 GY	2.71
334	-0.0703 GY	2.88
165	-0.0703 GY	0.13
165	-0.2109 GY	0.29
165	-0.3516 GY	0.48
165	-0.4922 GY	0.66
165	-0.6328 GY	0.85
165	-0.7734 GY	1.03
165	-0.9141 GY	1.22
165	-1.0547 GY	1.41
165	-1.0547 GY	1.59
165	-0.9141 GY	1.78
165	-0.7734 GY	1.97
165	-0.6328 GY	2.15
165	-0.4922 GY	2.34
165	-0.3516 GY	2.53
165	-0.2109 GY	2.71
165	-0.0703 GY	2.88
333	-0.0703 GY	0.13
333	-0.2109 GY	0.29
333	-0.3516 GY	0.48
333	-0.4922 GY	0.66
333	-0.6328 GY	0.85
333	-0.7734 GY	1.03
333	-0.9141 GY	1.22
333	-1.0547 GY	1.41
333	-1.0547 GY	1.59
333	-0.9141 GY	1.78
333	-0.7734 GY	1.97
333	-0.6328 GY	2.15
333	-0.4922 GY	2.34
333	-0.3516 GY	2.53
333	-0.2109 GY	2.71
333	-0.0703 GY	2.88
112	-0.0703 GY	0.12
112	-0.2109 GY	0.29
112	-0.3516 GY	0.47
112	-0.4922 GY	0.66
112	-0.6328 GY	0.85
112	-0.7734 GY	1.03
112	-0.9141 GY	1.22
112	-1.0547 GY	1.41
112	-1.0547 GY	1.59
112	-0.9141 GY	1.78
112	-0.7734 GY	1.97
112	-0.6328 GY	2.15
112	-0.4922 GY	2.34
112	-0.3516 GY	2.52
112	-0.2109 GY	2.71
112	-0.0703 GY	2.87
335	-0.0703 GY	0.13
335	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 21

335	-0.3516	GY	0.48
335	-0.4922	GY	0.66
335	-0.6328	GY	0.85
335	-0.7734	GY	1.03
335	-0.9141	GY	1.22
335	-1.0547	GY	1.41
335	-1.0547	GY	1.59
335	-0.9141	GY	1.78
335	-0.7734	GY	1.97
335	-0.6328	GY	2.15
335	-0.4922	GY	2.34
335	-0.3516	GY	2.53
335	-0.2109	GY	2.71
335	-0.0703	GY	2.88
166	-0.0703	GY	0.12
166	-0.2109	GY	0.29
166	-0.3516	GY	0.47
166	-0.4922	GY	0.66
166	-0.6328	GY	0.85
166	-0.7734	GY	1.03
166	-0.9141	GY	1.22
166	-1.0547	GY	1.41
166	-1.0547	GY	1.59
166	-0.9141	GY	1.78
166	-0.7734	GY	1.97
166	-0.6328	GY	2.15
166	-0.4922	GY	2.34
166	-0.3516	GY	2.52
166	-0.2109	GY	2.71
166	-0.0703	GY	2.87
334	-0.0703	GY	0.13
334	-0.2109	GY	0.29
334	-0.3516	GY	0.48
334	-0.4922	GY	0.66
334	-0.6328	GY	0.85
334	-0.7734	GY	1.03
334	-0.9141	GY	1.22
334	-1.0547	GY	1.41
334	-1.0547	GY	1.59
334	-0.9141	GY	1.78
334	-0.7734	GY	1.97
334	-0.6328	GY	2.15
334	-0.4922	GY	2.34
334	-0.3516	GY	2.53
334	-0.2109	GY	2.71
334	-0.0703	GY	2.88
163	-0.0703	GY	0.12
163	-0.2109	GY	0.29
163	-0.3516	GY	0.47
163	-0.4922	GY	0.66
163	-0.6328	GY	0.85
163	-0.7734	GY	1.03
163	-0.9141	GY	1.22
163	-1.0547	GY	1.41
163	-1.0547	GY	1.59
163	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 22

163	-0.7734 GY	1.97
163	-0.6328 GY	2.15
163	-0.4922 GY	2.34
163	-0.3516 GY	2.53
163	-0.2109 GY	2.71
163	-0.0703 GY	2.88
362	-0.0703 GY	0.12
362	-0.2109 GY	0.29
362	-0.3516 GY	0.47
362	-0.4922 GY	0.66
362	-0.6328 GY	0.85
362	-0.7734 GY	1.03
362	-0.9141 GY	1.22
362	-1.0547 GY	1.41
362	-1.0547 GY	1.59
362	-0.9141 GY	1.78
362	-0.7734 GY	1.97
362	-0.6328 GY	2.15
362	-0.4922 GY	2.34
362	-0.3516 GY	2.52
362	-0.2109 GY	2.71
362	-0.0703 GY	2.87
217	-0.0703 GY	0.12
217	-0.2109 GY	0.29
217	-0.3516 GY	0.47
217	-0.4922 GY	0.66
217	-0.6328 GY	0.85
217	-0.7734 GY	1.03
217	-0.9141 GY	1.22
217	-1.0547 GY	1.41
217	-1.0547 GY	1.59
217	-0.9141 GY	1.78
217	-0.7734 GY	1.97
217	-0.6328 GY	2.15
217	-0.4922 GY	2.34
217	-0.3516 GY	2.53
217	-0.2109 GY	2.71
217	-0.0703 GY	2.88
361	-0.0703 GY	0.12
361	-0.2109 GY	0.29
361	-0.3516 GY	0.47
361	-0.4922 GY	0.66
361	-0.6328 GY	0.85
361	-0.7734 GY	1.03
361	-0.9141 GY	1.22
361	-1.0547 GY	1.41
361	-1.0547 GY	1.59
361	-0.9141 GY	1.78
361	-0.7734 GY	1.97
361	-0.6328 GY	2.15
361	-0.4922 GY	2.34
361	-0.3516 GY	2.52
361	-0.2109 GY	2.71
361	-0.0703 GY	2.87
164	-0.0703 GY	0.12
164	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 23

164	-0.3516	GY	0.47
164	-0.4922	GY	0.66
164	-0.6328	GY	0.85
164	-0.7734	GY	1.03
164	-0.9141	GY	1.22
164	-1.0547	GY	1.41
164	-1.0547	GY	1.59
164	-0.9141	GY	1.78
164	-0.7734	GY	1.97
164	-0.6328	GY	2.15
164	-0.4922	GY	2.34
164	-0.3516	GY	2.53
164	-0.2109	GY	2.71
164	-0.0703	GY	2.88
363	-0.0703	GY	0.12
363	-0.2109	GY	0.29
363	-0.3516	GY	0.47
363	-0.4922	GY	0.66
363	-0.6328	GY	0.85
363	-0.7734	GY	1.03
363	-0.9141	GY	1.22
363	-1.0547	GY	1.41
363	-1.0547	GY	1.59
363	-0.9141	GY	1.78
363	-0.7734	GY	1.97
363	-0.6328	GY	2.15
363	-0.4922	GY	2.34
363	-0.3516	GY	2.52
363	-0.2109	GY	2.71
363	-0.0703	GY	2.87
218	-0.0703	GY	0.12
218	-0.2109	GY	0.29
218	-0.3516	GY	0.47
218	-0.4922	GY	0.66
218	-0.6328	GY	0.85
218	-0.7734	GY	1.03
218	-0.9141	GY	1.22
218	-1.0547	GY	1.41
218	-1.0547	GY	1.59
218	-0.9141	GY	1.78
218	-0.7734	GY	1.97
218	-0.6328	GY	2.15
218	-0.4922	GY	2.34
218	-0.3516	GY	2.53
218	-0.2109	GY	2.71
218	-0.0703	GY	2.88
362	-0.0703	GY	0.12
362	-0.2109	GY	0.29
362	-0.3516	GY	0.47
362	-0.4922	GY	0.66
362	-0.6328	GY	0.85
362	-0.7734	GY	1.03
362	-0.9141	GY	1.22
362	-1.0547	GY	1.41
362	-1.0547	GY	1.59
362	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 24

362	-0.7734 GY	1.97
362	-0.6328 GY	2.15
362	-0.4922 GY	2.34
362	-0.3516 GY	2.52
362	-0.2109 GY	2.71
362	-0.0703 GY	2.87
165	-0.0703 GY	0.13
165	-0.2109 GY	0.29
165	-0.3516 GY	0.48
165	-0.4922 GY	0.66
165	-0.6328 GY	0.85
165	-0.7734 GY	1.03
165	-0.9141 GY	1.22
165	-1.0547 GY	1.41
165	-1.0547 GY	1.59
165	-0.9141 GY	1.78
165	-0.7734 GY	1.97
165	-0.6328 GY	2.15
165	-0.4922 GY	2.34
165	-0.3516 GY	2.53
165	-0.2109 GY	2.71
165	-0.0703 GY	2.88
364	-0.0703 GY	0.12
364	-0.2109 GY	0.29
364	-0.3516 GY	0.47
364	-0.4922 GY	0.66
364	-0.6328 GY	0.85
364	-0.7734 GY	1.03
364	-0.9141 GY	1.22
364	-1.0547 GY	1.41
364	-1.0547 GY	1.59
364	-0.9141 GY	1.78
364	-0.7734 GY	1.97
364	-0.6328 GY	2.15
364	-0.4922 GY	2.34
364	-0.3516 GY	2.52
364	-0.2109 GY	2.71
364	-0.0703 GY	2.87
219	-0.0703 GY	0.13
219	-0.2109 GY	0.29
219	-0.3516 GY	0.48
219	-0.4922 GY	0.66
219	-0.6328 GY	0.85
219	-0.7734 GY	1.03
219	-0.9141 GY	1.22
219	-1.0547 GY	1.41
219	-1.0547 GY	1.59
219	-0.9141 GY	1.78
219	-0.7734 GY	1.97
219	-0.6328 GY	2.15
219	-0.4922 GY	2.34
219	-0.3516 GY	2.53
219	-0.2109 GY	2.71
219	-0.0703 GY	2.88
363	-0.0703 GY	0.12
363	-0.2109 GY	0.29



STAAD SPACE

-- PAGE NO. 25

363	-0.3516	GY	0.47
363	-0.4922	GY	0.66
363	-0.6328	GY	0.85
363	-0.7734	GY	1.03
363	-0.9141	GY	1.22
363	-1.0547	GY	1.41
363	-1.0547	GY	1.59
363	-0.9141	GY	1.78
363	-0.7734	GY	1.97
363	-0.6328	GY	2.15
363	-0.4922	GY	2.34
363	-0.3516	GY	2.52
363	-0.2109	GY	2.71
363	-0.0703	GY	2.87
166	-0.0703	GY	0.12
166	-0.2109	GY	0.29
166	-0.3516	GY	0.47
166	-0.4922	GY	0.66
166	-0.6328	GY	0.85
166	-0.7734	GY	1.03
166	-0.9141	GY	1.22
166	-1.0547	GY	1.41
166	-1.0547	GY	1.59
166	-0.9141	GY	1.78
166	-0.7734	GY	1.97
166	-0.6328	GY	2.15
166	-0.4922	GY	2.34
166	-0.3516	GY	2.52
166	-0.2109	GY	2.71
166	-0.0703	GY	2.87
365	-0.0703	GY	0.12
365	-0.2109	GY	0.29
365	-0.3516	GY	0.47
365	-0.4922	GY	0.66
365	-0.6328	GY	0.85
365	-0.7734	GY	1.03
365	-0.9141	GY	1.22
365	-1.0547	GY	1.41
365	-1.0547	GY	1.59
365	-0.9141	GY	1.78
365	-0.7734	GY	1.97
365	-0.6328	GY	2.15
365	-0.4922	GY	2.34
365	-0.3516	GY	2.52
365	-0.2109	GY	2.71
365	-0.0703	GY	2.87
220	-0.0703	GY	0.12
220	-0.2109	GY	0.29
220	-0.3516	GY	0.47
220	-0.4922	GY	0.66
220	-0.6328	GY	0.85
220	-0.7734	GY	1.03
220	-0.9141	GY	1.22
220	-1.0547	GY	1.41
220	-1.0547	GY	1.59
220	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 26

220	-0.7734 GY	1.97
220	-0.6328 GY	2.15
220	-0.4922 GY	2.34
220	-0.3516 GY	2.52
220	-0.2109 GY	2.71
220	-0.0703 GY	2.87
364	-0.0703 GY	0.12
364	-0.2109 GY	0.29
364	-0.3516 GY	0.47
364	-0.4922 GY	0.66
364	-0.6328 GY	0.85
364	-0.7734 GY	1.03
364	-0.9141 GY	1.22
364	-1.0547 GY	1.41
364	-1.0547 GY	1.59
364	-0.9141 GY	1.78
364	-0.7734 GY	1.97
364	-0.6328 GY	2.15
364	-0.4922 GY	2.34
364	-0.3516 GY	2.52
364	-0.2109 GY	2.71
364	-0.0703 GY	2.87
5	-0.0703 GY	0.12
5	-0.2109 GY	0.29
5	-0.3516 GY	0.47
5	-0.4922 GY	0.66
5	-0.6328 GY	0.85
5	-0.7734 GY	1.03
5	-0.9141 GY	1.22
5	-1.0547 GY	1.41
5	-1.0547 GY	1.59
5	-0.9141 GY	1.78
5	-0.7734 GY	1.97
5	-0.6328 GY	2.15
5	-0.4922 GY	2.34
5	-0.3516 GY	2.53
5	-0.2109 GY	2.71
5	-0.0703 GY	2.88
277	-0.0703 GY	0.12
277	-0.2109 GY	0.29
277	-0.3516 GY	0.47
277	-0.4922 GY	0.66
277	-0.6328 GY	0.85
277	-0.7734 GY	1.03
277	-0.9141 GY	1.22
277	-1.0547 GY	1.41
277	-1.0547 GY	1.59
277	-0.9141 GY	1.78
277	-0.7734 GY	1.97
277	-0.6328 GY	2.15
277	-0.4922 GY	2.34
277	-0.3516 GY	2.53
277	-0.2109 GY	2.71
277	-0.0703 GY	2.88
59	-0.0703 GY	0.12
59	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 27

59	-0.3516 GY	0.47
59	-0.4922 GY	0.66
59	-0.6328 GY	0.85
59	-0.7734 GY	1.03
59	-0.9141 GY	1.22
59	-1.0547 GY	1.41
59	-1.0547 GY	1.59
59	-0.9141 GY	1.78
59	-0.7734 GY	1.97
59	-0.6328 GY	2.15
59	-0.4922 GY	2.34
59	-0.3516 GY	2.53
59	-0.2109 GY	2.71
59	-0.0703 GY	2.88
276	-0.0703 GY	0.12
276	-0.2109 GY	0.29
276	-0.3516 GY	0.47
276	-0.4922 GY	0.66
276	-0.6328 GY	0.85
276	-0.7734 GY	1.03
276	-0.9141 GY	1.22
276	-1.0547 GY	1.41
276	-1.0547 GY	1.59
276	-0.9141 GY	1.78
276	-0.7734 GY	1.97
276	-0.6328 GY	2.15
276	-0.4922 GY	2.34
276	-0.3516 GY	2.53
276	-0.2109 GY	2.71
276	-0.0703 GY	2.88
6	-0.0703 GY	0.12
6	-0.2109 GY	0.29
6	-0.3516 GY	0.47
6	-0.4922 GY	0.66
6	-0.6328 GY	0.85
6	-0.7734 GY	1.03
6	-0.9141 GY	1.22
6	-1.0547 GY	1.41
6	-1.0547 GY	1.59
6	-0.9141 GY	1.78
6	-0.7734 GY	1.97
6	-0.6328 GY	2.15
6	-0.4922 GY	2.34
6	-0.3516 GY	2.53
6	-0.2109 GY	2.71
6	-0.0703 GY	2.88
278	-0.0703 GY	0.12
278	-0.2109 GY	0.29
278	-0.3516 GY	0.47
278	-0.4922 GY	0.66
278	-0.6328 GY	0.85
278	-0.7734 GY	1.03
278	-0.9141 GY	1.22
278	-1.0547 GY	1.41
278	-1.0547 GY	1.59
278	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 28

278	-0.7734 GY	1.97
278	-0.6328 GY	2.15
278	-0.4922 GY	2.34
278	-0.3516 GY	2.53
278	-0.2109 GY	2.71
278	-0.0703 GY	2.88
60	-0.0703 GY	0.12
60	-0.2109 GY	0.29
60	-0.3516 GY	0.47
60	-0.4922 GY	0.66
60	-0.6328 GY	0.85
60	-0.7734 GY	1.03
60	-0.9141 GY	1.22
60	-1.0547 GY	1.41
60	-1.0547 GY	1.59
60	-0.9141 GY	1.78
60	-0.7734 GY	1.97
60	-0.6328 GY	2.15
60	-0.4922 GY	2.34
60	-0.3516 GY	2.53
60	-0.2109 GY	2.71
60	-0.0703 GY	2.88
277	-0.0703 GY	0.12
277	-0.2109 GY	0.29
277	-0.3516 GY	0.47
277	-0.4922 GY	0.66
277	-0.6328 GY	0.85
277	-0.7734 GY	1.03
277	-0.9141 GY	1.22
277	-1.0547 GY	1.41
277	-1.0547 GY	1.59
277	-0.9141 GY	1.78
277	-0.7734 GY	1.97
277	-0.6328 GY	2.15
277	-0.4922 GY	2.34
277	-0.3516 GY	2.53
277	-0.2109 GY	2.71
277	-0.0703 GY	2.88
7	-0.0703 GY	0.13
7	-0.2109 GY	0.29
7	-0.3516 GY	0.48
7	-0.4922 GY	0.66
7	-0.6328 GY	0.85
7	-0.7734 GY	1.03
7	-0.9141 GY	1.22
7	-1.0547 GY	1.41
7	-1.0547 GY	1.59
7	-0.9141 GY	1.78
7	-0.7734 GY	1.97
7	-0.6328 GY	2.15
7	-0.4922 GY	2.34
7	-0.3516 GY	2.53
7	-0.2109 GY	2.71
7	-0.0703 GY	2.88
279	-0.0703 GY	0.12
279	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 29

279	-0.3516	GY	0.47
279	-0.4922	GY	0.66
279	-0.6328	GY	0.85
279	-0.7734	GY	1.03
279	-0.9141	GY	1.22
279	-1.0547	GY	1.41
279	-1.0547	GY	1.59
279	-0.9141	GY	1.78
279	-0.7734	GY	1.97
279	-0.6328	GY	2.15
279	-0.4922	GY	2.34
279	-0.3516	GY	2.53
279	-0.2109	GY	2.71
279	-0.0703	GY	2.88
61	-0.0703	GY	0.13
61	-0.2109	GY	0.29
61	-0.3516	GY	0.48
61	-0.4922	GY	0.66
61	-0.6328	GY	0.85
61	-0.7734	GY	1.03
61	-0.9141	GY	1.22
61	-1.0547	GY	1.41
61	-1.0547	GY	1.59
61	-0.9141	GY	1.78
61	-0.7734	GY	1.97
61	-0.6328	GY	2.15
61	-0.4922	GY	2.34
61	-0.3516	GY	2.53
61	-0.2109	GY	2.71
61	-0.0703	GY	2.88
278	-0.0703	GY	0.12
278	-0.2109	GY	0.29
278	-0.3516	GY	0.47
278	-0.4922	GY	0.66
278	-0.6328	GY	0.85
278	-0.7734	GY	1.03
278	-0.9141	GY	1.22
278	-1.0547	GY	1.41
278	-1.0547	GY	1.59
278	-0.9141	GY	1.78
278	-0.7734	GY	1.97
278	-0.6328	GY	2.15
278	-0.4922	GY	2.34
278	-0.3516	GY	2.53
278	-0.2109	GY	2.71
278	-0.0703	GY	2.88
8	-0.0703	GY	0.12
8	-0.2109	GY	0.29
8	-0.3516	GY	0.47
8	-0.4922	GY	0.66
8	-0.6328	GY	0.85
8	-0.7734	GY	1.03
8	-0.9141	GY	1.22
8	-1.0547	GY	1.41
8	-1.0547	GY	1.59
8	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 30

8	-0.7734 GY	1.97
8	-0.6328 GY	2.15
8	-0.4922 GY	2.34
8	-0.3516 GY	2.52
8	-0.2109 GY	2.71
8	-0.0703 GY	2.87
280	-0.0703 GY	0.12
280	-0.2109 GY	0.29
280	-0.3516 GY	0.47
280	-0.4922 GY	0.66
280	-0.6328 GY	0.85
280	-0.7734 GY	1.03
280	-0.9141 GY	1.22
280	-1.0547 GY	1.41
280	-1.0547 GY	1.59
280	-0.9141 GY	1.78
280	-0.7734 GY	1.97
280	-0.6328 GY	2.15
280	-0.4922 GY	2.34
280	-0.3516 GY	2.53
280	-0.2109 GY	2.71
280	-0.0703 GY	2.88
62	-0.0703 GY	0.12
62	-0.2109 GY	0.29
62	-0.3516 GY	0.47
62	-0.4922 GY	0.66
62	-0.6328 GY	0.85
62	-0.7734 GY	1.03
62	-0.9141 GY	1.22
62	-1.0547 GY	1.41
62	-1.0547 GY	1.59
62	-0.9141 GY	1.78
62	-0.7734 GY	1.97
62	-0.6328 GY	2.15
62	-0.4922 GY	2.34
62	-0.3516 GY	2.52
62	-0.2109 GY	2.71
62	-0.0703 GY	2.87
279	-0.0703 GY	0.12
279	-0.2109 GY	0.29
279	-0.3516 GY	0.47
279	-0.4922 GY	0.66
279	-0.6328 GY	0.85
279	-0.7734 GY	1.03
279	-0.9141 GY	1.22
279	-1.0547 GY	1.41
279	-1.0547 GY	1.59
279	-0.9141 GY	1.78
279	-0.7734 GY	1.97
279	-0.6328 GY	2.15
279	-0.4922 GY	2.34
279	-0.3516 GY	2.53
279	-0.2109 GY	2.71
279	-0.0703 GY	2.88
59	-0.0703 GY	0.12
59	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 31

59	-0.3516 GY	0.47
59	-0.4922 GY	0.66
59	-0.6328 GY	0.85
59	-0.7734 GY	1.03
59	-0.9141 GY	1.22
59	-1.0547 GY	1.41
59	-1.0547 GY	1.59
59	-0.9141 GY	1.78
59	-0.7734 GY	1.97
59	-0.6328 GY	2.15
59	-0.4922 GY	2.34
59	-0.3516 GY	2.53
59	-0.2109 GY	2.71
59	-0.0703 GY	2.88
307	-0.0703 GY	0.12
307	-0.2109 GY	0.29
307	-0.3516 GY	0.47
307	-0.4922 GY	0.66
307	-0.6328 GY	0.85
307	-0.7734 GY	1.03
307	-0.9141 GY	1.22
307	-1.0547 GY	1.41
307	-1.0547 GY	1.59
307	-0.9141 GY	1.78
307	-0.7734 GY	1.97
307	-0.6328 GY	2.15
307	-0.4922 GY	2.34
307	-0.3516 GY	2.53
307	-0.2109 GY	2.71
307	-0.0703 GY	2.88
113	-0.0703 GY	0.12
113	-0.2109 GY	0.29
113	-0.3516 GY	0.47
113	-0.4922 GY	0.66
113	-0.6328 GY	0.85
113	-0.7734 GY	1.03
113	-0.9141 GY	1.22
113	-1.0547 GY	1.41
113	-1.0547 GY	1.59
113	-0.9141 GY	1.78
113	-0.7734 GY	1.97
113	-0.6328 GY	2.15
113	-0.4922 GY	2.34
113	-0.3516 GY	2.53
113	-0.2109 GY	2.71
113	-0.0703 GY	2.88
306	-0.0703 GY	0.12
306	-0.2109 GY	0.29
306	-0.3516 GY	0.47
306	-0.4922 GY	0.66
306	-0.6328 GY	0.85
306	-0.7734 GY	1.03
306	-0.9141 GY	1.22
306	-1.0547 GY	1.41
306	-1.0547 GY	1.59
306	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 32

306	-0.7734 GY	1.97
306	-0.6328 GY	2.15
306	-0.4922 GY	2.34
306	-0.3516 GY	2.53
306	-0.2109 GY	2.71
306	-0.0703 GY	2.88
60	-0.0703 GY	0.12
60	-0.2109 GY	0.29
60	-0.3516 GY	0.47
60	-0.4922 GY	0.66
60	-0.6328 GY	0.85
60	-0.7734 GY	1.03
60	-0.9141 GY	1.22
60	-1.0547 GY	1.41
60	-1.0547 GY	1.59
60	-0.9141 GY	1.78
60	-0.7734 GY	1.97
60	-0.6328 GY	2.15
60	-0.4922 GY	2.34
60	-0.3516 GY	2.53
60	-0.2109 GY	2.71
60	-0.0703 GY	2.88
308	-0.0703 GY	0.12
308	-0.2109 GY	0.29
308	-0.3516 GY	0.47
308	-0.4922 GY	0.66
308	-0.6328 GY	0.85
308	-0.7734 GY	1.03
308	-0.9141 GY	1.22
308	-1.0547 GY	1.41
308	-1.0547 GY	1.59
308	-0.9141 GY	1.78
308	-0.7734 GY	1.97
308	-0.6328 GY	2.15
308	-0.4922 GY	2.34
308	-0.3516 GY	2.53
308	-0.2109 GY	2.71
308	-0.0703 GY	2.88
114	-0.0703 GY	0.12
114	-0.2109 GY	0.29
114	-0.3516 GY	0.47
114	-0.4922 GY	0.66
114	-0.6328 GY	0.85
114	-0.7734 GY	1.03
114	-0.9141 GY	1.22
114	-1.0547 GY	1.41
114	-1.0547 GY	1.59
114	-0.9141 GY	1.78
114	-0.7734 GY	1.97
114	-0.6328 GY	2.15
114	-0.4922 GY	2.34
114	-0.3516 GY	2.53
114	-0.2109 GY	2.71
114	-0.0703 GY	2.88
307	-0.0703 GY	0.12
307	-0.2109 GY	0.29



STAAD SPACE

-- PAGE NO. 33

307	-0.3516 GY	0.47
307	-0.4922 GY	0.66
307	-0.6328 GY	0.85
307	-0.7734 GY	1.03
307	-0.9141 GY	1.22
307	-1.0547 GY	1.41
307	-1.0547 GY	1.59
307	-0.9141 GY	1.78
307	-0.7734 GY	1.97
307	-0.6328 GY	2.15
307	-0.4922 GY	2.34
307	-0.3516 GY	2.53
307	-0.2109 GY	2.71
307	-0.0703 GY	2.88
61	-0.0703 GY	0.13
61	-0.2109 GY	0.29
61	-0.3516 GY	0.48
61	-0.4922 GY	0.66
61	-0.6328 GY	0.85
61	-0.7734 GY	1.03
61	-0.9141 GY	1.22
61	-1.0547 GY	1.41
61	-1.0547 GY	1.59
61	-0.9141 GY	1.78
61	-0.7734 GY	1.97
61	-0.6328 GY	2.15
61	-0.4922 GY	2.34
61	-0.3516 GY	2.53
61	-0.2109 GY	2.71
61	-0.0703 GY	2.88
309	-0.0703 GY	0.12
309	-0.2109 GY	0.29
309	-0.3516 GY	0.47
309	-0.4922 GY	0.66
309	-0.6328 GY	0.85
309	-0.7734 GY	1.03
309	-0.9141 GY	1.22
309	-1.0547 GY	1.41
309	-1.0547 GY	1.59
309	-0.9141 GY	1.78
309	-0.7734 GY	1.97
309	-0.6328 GY	2.15
309	-0.4922 GY	2.34
309	-0.3516 GY	2.53
309	-0.2109 GY	2.71
309	-0.0703 GY	2.88
115	-0.0703 GY	0.13
115	-0.2109 GY	0.29
115	-0.3516 GY	0.48
115	-0.4922 GY	0.66
115	-0.6328 GY	0.85
115	-0.7734 GY	1.03
115	-0.9141 GY	1.22
115	-1.0547 GY	1.41
115	-1.0547 GY	1.59
115	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 34

115	-0.7734 GY	1.97
115	-0.6328 GY	2.15
115	-0.4922 GY	2.34
115	-0.3516 GY	2.53
115	-0.2109 GY	2.71
115	-0.0703 GY	2.88
308	-0.0703 GY	0.12
308	-0.2109 GY	0.29
308	-0.3516 GY	0.47
308	-0.4922 GY	0.66
308	-0.6328 GY	0.85
308	-0.7734 GY	1.03
308	-0.9141 GY	1.22
308	-1.0547 GY	1.41
308	-1.0547 GY	1.59
308	-0.9141 GY	1.78
308	-0.7734 GY	1.97
308	-0.6328 GY	2.15
308	-0.4922 GY	2.34
308	-0.3516 GY	2.53
308	-0.2109 GY	2.71
308	-0.0703 GY	2.88
62	-0.0703 GY	0.12
62	-0.2109 GY	0.29
62	-0.3516 GY	0.47
62	-0.4922 GY	0.66
62	-0.6328 GY	0.85
62	-0.7734 GY	1.03
62	-0.9141 GY	1.22
62	-1.0547 GY	1.41
62	-1.0547 GY	1.59
62	-0.9141 GY	1.78
62	-0.7734 GY	1.97
62	-0.6328 GY	2.15
62	-0.4922 GY	2.34
62	-0.3516 GY	2.52
62	-0.2109 GY	2.71
62	-0.0703 GY	2.87
310	-0.0703 GY	0.12
310	-0.2109 GY	0.29
310	-0.3516 GY	0.47
310	-0.4922 GY	0.66
310	-0.6328 GY	0.85
310	-0.7734 GY	1.03
310	-0.9141 GY	1.22
310	-1.0547 GY	1.41
310	-1.0547 GY	1.59
310	-0.9141 GY	1.78
310	-0.7734 GY	1.97
310	-0.6328 GY	2.15
310	-0.4922 GY	2.34
310	-0.3516 GY	2.53
310	-0.2109 GY	2.71
310	-0.0703 GY	2.88
116	-0.0703 GY	0.12
116	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 35

116	-0.3516	GY	0.47
116	-0.4922	GY	0.66
116	-0.6328	GY	0.85
116	-0.7734	GY	1.03
116	-0.9141	GY	1.22
116	-1.0547	GY	1.41
116	-1.0547	GY	1.59
116	-0.9141	GY	1.78
116	-0.7734	GY	1.97
116	-0.6328	GY	2.15
116	-0.4922	GY	2.34
116	-0.3516	GY	2.52
116	-0.2109	GY	2.71
116	-0.0703	GY	2.87
309	-0.0703	GY	0.12
309	-0.2109	GY	0.29
309	-0.3516	GY	0.47
309	-0.4922	GY	0.66
309	-0.6328	GY	0.85
309	-0.7734	GY	1.03
309	-0.9141	GY	1.22
309	-1.0547	GY	1.41
309	-1.0547	GY	1.59
309	-0.9141	GY	1.78
309	-0.7734	GY	1.97
309	-0.6328	GY	2.15
309	-0.4922	GY	2.34
309	-0.3516	GY	2.53
309	-0.2109	GY	2.71
309	-0.0703	GY	2.88
113	-0.0703	GY	0.12
113	-0.2109	GY	0.29
113	-0.3516	GY	0.47
113	-0.4922	GY	0.66
113	-0.6328	GY	0.85
113	-0.7734	GY	1.03
113	-0.9141	GY	1.22
113	-1.0547	GY	1.41
113	-1.0547	GY	1.59
113	-0.9141	GY	1.78
113	-0.7734	GY	1.97
113	-0.6328	GY	2.15
113	-0.4922	GY	2.34
113	-0.3516	GY	2.53
113	-0.2109	GY	2.71
113	-0.0703	GY	2.88
337	-0.0703	GY	0.13
337	-0.2109	GY	0.29
337	-0.3516	GY	0.48
337	-0.4922	GY	0.66
337	-0.6328	GY	0.85
337	-0.7734	GY	1.03
337	-0.9141	GY	1.22
337	-1.0547	GY	1.41
337	-1.0547	GY	1.59
337	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 36

337	-0.7734 GY	1.97
337	-0.6328 GY	2.15
337	-0.4922 GY	2.34
337	-0.3516 GY	2.53
337	-0.2109 GY	2.71
337	-0.0703 GY	2.88
167	-0.0703 GY	0.12
167	-0.2109 GY	0.29
167	-0.3516 GY	0.47
167	-0.4922 GY	0.66
167	-0.6328 GY	0.85
167	-0.7734 GY	1.03
167	-0.9141 GY	1.22
167	-1.0547 GY	1.41
167	-1.0547 GY	1.59
167	-0.9141 GY	1.78
167	-0.7734 GY	1.97
167	-0.6328 GY	2.15
167	-0.4922 GY	2.34
167	-0.3516 GY	2.53
167	-0.2109 GY	2.71
167	-0.0703 GY	2.88
336	-0.0703 GY	0.13
336	-0.2109 GY	0.29
336	-0.3516 GY	0.48
336	-0.4922 GY	0.66
336	-0.6328 GY	0.85
336	-0.7734 GY	1.03
336	-0.9141 GY	1.22
336	-1.0547 GY	1.41
336	-1.0547 GY	1.59
336	-0.9141 GY	1.78
336	-0.7734 GY	1.97
336	-0.6328 GY	2.15
336	-0.4922 GY	2.34
336	-0.3516 GY	2.53
336	-0.2109 GY	2.71
336	-0.0703 GY	2.88
114	-0.0703 GY	0.12
114	-0.2109 GY	0.29
114	-0.3516 GY	0.47
114	-0.4922 GY	0.66
114	-0.6328 GY	0.85
114	-0.7734 GY	1.03
114	-0.9141 GY	1.22
114	-1.0547 GY	1.41
114	-1.0547 GY	1.59
114	-0.9141 GY	1.78
114	-0.7734 GY	1.97
114	-0.6328 GY	2.15
114	-0.4922 GY	2.34
114	-0.3516 GY	2.53
114	-0.2109 GY	2.71
114	-0.0703 GY	2.88
338	-0.0703 GY	0.13
338	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 37

338	-0.3516	GY	0.48
338	-0.4922	GY	0.66
338	-0.6328	GY	0.85
338	-0.7734	GY	1.03
338	-0.9141	GY	1.22
338	-1.0547	GY	1.41
338	-1.0547	GY	1.59
338	-0.9141	GY	1.78
338	-0.7734	GY	1.97
338	-0.6328	GY	2.15
338	-0.4922	GY	2.34
338	-0.3516	GY	2.53
338	-0.2109	GY	2.71
338	-0.0703	GY	2.88
168	-0.0703	GY	0.12
168	-0.2109	GY	0.29
168	-0.3516	GY	0.47
168	-0.4922	GY	0.66
168	-0.6328	GY	0.85
168	-0.7734	GY	1.03
168	-0.9141	GY	1.22
168	-1.0547	GY	1.41
168	-1.0547	GY	1.59
168	-0.9141	GY	1.78
168	-0.7734	GY	1.97
168	-0.6328	GY	2.15
168	-0.4922	GY	2.34
168	-0.3516	GY	2.53
168	-0.2109	GY	2.71
168	-0.0703	GY	2.88
337	-0.0703	GY	0.13
337	-0.2109	GY	0.29
337	-0.3516	GY	0.48
337	-0.4922	GY	0.66
337	-0.6328	GY	0.85
337	-0.7734	GY	1.03
337	-0.9141	GY	1.22
337	-1.0547	GY	1.41
337	-1.0547	GY	1.59
337	-0.9141	GY	1.78
337	-0.7734	GY	1.97
337	-0.6328	GY	2.15
337	-0.4922	GY	2.34
337	-0.3516	GY	2.53
337	-0.2109	GY	2.71
337	-0.0703	GY	2.88
115	-0.0703	GY	0.13
115	-0.2109	GY	0.29
115	-0.3516	GY	0.48
115	-0.4922	GY	0.66
115	-0.6328	GY	0.85
115	-0.7734	GY	1.03
115	-0.9141	GY	1.22
115	-1.0547	GY	1.41
115	-1.0547	GY	1.59
115	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 38

115	-0.7734 GY	1.97
115	-0.6328 GY	2.15
115	-0.4922 GY	2.34
115	-0.3516 GY	2.53
115	-0.2109 GY	2.71
115	-0.0703 GY	2.88
339	-0.0703 GY	0.13
339	-0.2109 GY	0.29
339	-0.3516 GY	0.48
339	-0.4922 GY	0.66
339	-0.6328 GY	0.85
339	-0.7734 GY	1.03
339	-0.9141 GY	1.22
339	-1.0547 GY	1.41
339	-1.0547 GY	1.59
339	-0.9141 GY	1.78
339	-0.7734 GY	1.97
339	-0.6328 GY	2.15
339	-0.4922 GY	2.34
339	-0.3516 GY	2.53
339	-0.2109 GY	2.71
339	-0.0703 GY	2.88
169	-0.0703 GY	0.13
169	-0.2109 GY	0.29
169	-0.3516 GY	0.48
169	-0.4922 GY	0.66
169	-0.6328 GY	0.85
169	-0.7734 GY	1.03
169	-0.9141 GY	1.22
169	-1.0547 GY	1.41
169	-1.0547 GY	1.59
169	-0.9141 GY	1.78
169	-0.7734 GY	1.97
169	-0.6328 GY	2.15
169	-0.4922 GY	2.34
169	-0.3516 GY	2.53
169	-0.2109 GY	2.71
169	-0.0703 GY	2.88
338	-0.0703 GY	0.13
338	-0.2109 GY	0.29
338	-0.3516 GY	0.48
338	-0.4922 GY	0.66
338	-0.6328 GY	0.85
338	-0.7734 GY	1.03
338	-0.9141 GY	1.22
338	-1.0547 GY	1.41
338	-1.0547 GY	1.59
338	-0.9141 GY	1.78
338	-0.7734 GY	1.97
338	-0.6328 GY	2.15
338	-0.4922 GY	2.34
338	-0.3516 GY	2.53
338	-0.2109 GY	2.71
338	-0.0703 GY	2.88
116	-0.0703 GY	0.12
116	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 39

116	-0.3516 GY	0.47
116	-0.4922 GY	0.66
116	-0.6328 GY	0.85
116	-0.7734 GY	1.03
116	-0.9141 GY	1.22
116	-1.0547 GY	1.41
116	-1.0547 GY	1.59
116	-0.9141 GY	1.78
116	-0.7734 GY	1.97
116	-0.6328 GY	2.15
116	-0.4922 GY	2.34
116	-0.3516 GY	2.52
116	-0.2109 GY	2.71
116	-0.0703 GY	2.87
340	-0.0703 GY	0.13
340	-0.2109 GY	0.29
340	-0.3516 GY	0.48
340	-0.4922 GY	0.66
340	-0.6328 GY	0.85
340	-0.7734 GY	1.03
340	-0.9141 GY	1.22
340	-1.0547 GY	1.41
340	-1.0547 GY	1.59
340	-0.9141 GY	1.78
340	-0.7734 GY	1.97
340	-0.6328 GY	2.15
340	-0.4922 GY	2.34
340	-0.3516 GY	2.53
340	-0.2109 GY	2.71
340	-0.0703 GY	2.88
170	-0.0703 GY	0.12
170	-0.2109 GY	0.29
170	-0.3516 GY	0.47
170	-0.4922 GY	0.66
170	-0.6328 GY	0.85
170	-0.7734 GY	1.03
170	-0.9141 GY	1.22
170	-1.0547 GY	1.41
170	-1.0547 GY	1.59
170	-0.9141 GY	1.78
170	-0.7734 GY	1.97
170	-0.6328 GY	2.15
170	-0.4922 GY	2.34
170	-0.3516 GY	2.52
170	-0.2109 GY	2.71
170	-0.0703 GY	2.87
339	-0.0703 GY	0.13
339	-0.2109 GY	0.29
339	-0.3516 GY	0.48
339	-0.4922 GY	0.66
339	-0.6328 GY	0.85
339	-0.7734 GY	1.03
339	-0.9141 GY	1.22
339	-1.0547 GY	1.41
339	-1.0547 GY	1.59
339	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 40

339	-0.7734 GY	1.97
339	-0.6328 GY	2.15
339	-0.4922 GY	2.34
339	-0.3516 GY	2.53
339	-0.2109 GY	2.71
339	-0.0703 GY	2.88
167	-0.0703 GY	0.12
167	-0.2109 GY	0.29
167	-0.3516 GY	0.47
167	-0.4922 GY	0.66
167	-0.6328 GY	0.85
167	-0.7734 GY	1.03
167	-0.9141 GY	1.22
167	-1.0547 GY	1.41
167	-1.0547 GY	1.59
167	-0.9141 GY	1.78
167	-0.7734 GY	1.97
167	-0.6328 GY	2.15
167	-0.4922 GY	2.34
167	-0.3516 GY	2.53
167	-0.2109 GY	2.71
167	-0.0703 GY	2.88
367	-0.0703 GY	0.12
367	-0.2109 GY	0.29
367	-0.3516 GY	0.47
367	-0.4922 GY	0.66
367	-0.6328 GY	0.85
367	-0.7734 GY	1.03
367	-0.9141 GY	1.22
367	-1.0547 GY	1.41
367	-1.0547 GY	1.59
367	-0.9141 GY	1.78
367	-0.7734 GY	1.97
367	-0.6328 GY	2.15
367	-0.4922 GY	2.34
367	-0.3516 GY	2.52
367	-0.2109 GY	2.71
367	-0.0703 GY	2.87
221	-0.0703 GY	0.12
221	-0.2109 GY	0.29
221	-0.3516 GY	0.47
221	-0.4922 GY	0.66
221	-0.6328 GY	0.85
221	-0.7734 GY	1.03
221	-0.9141 GY	1.22
221	-1.0547 GY	1.41
221	-1.0547 GY	1.59
221	-0.9141 GY	1.78
221	-0.7734 GY	1.97
221	-0.6328 GY	2.15
221	-0.4922 GY	2.34
221	-0.3516 GY	2.53
221	-0.2109 GY	2.71
221	-0.0703 GY	2.88
366	-0.0703 GY	0.12
366	-0.2109 GY	0.29



STAAD SPACE

-- PAGE NO. 41

366	-0.3516	GY	0.47
366	-0.4922	GY	0.66
366	-0.6328	GY	0.85
366	-0.7734	GY	1.03
366	-0.9141	GY	1.22
366	-1.0547	GY	1.41
366	-1.0547	GY	1.59
366	-0.9141	GY	1.78
366	-0.7734	GY	1.97
366	-0.6328	GY	2.15
366	-0.4922	GY	2.34
366	-0.3516	GY	2.52
366	-0.2109	GY	2.71
366	-0.0703	GY	2.87
168	-0.0703	GY	0.12
168	-0.2109	GY	0.29
168	-0.3516	GY	0.47
168	-0.4922	GY	0.66
168	-0.6328	GY	0.85
168	-0.7734	GY	1.03
168	-0.9141	GY	1.22
168	-1.0547	GY	1.41
168	-1.0547	GY	1.59
168	-0.9141	GY	1.78
168	-0.7734	GY	1.97
168	-0.6328	GY	2.15
168	-0.4922	GY	2.34
168	-0.3516	GY	2.53
168	-0.2109	GY	2.71
168	-0.0703	GY	2.88
368	-0.0703	GY	0.12
368	-0.2109	GY	0.29
368	-0.3516	GY	0.47
368	-0.4922	GY	0.66
368	-0.6328	GY	0.85
368	-0.7734	GY	1.03
368	-0.9141	GY	1.22
368	-1.0547	GY	1.41
368	-1.0547	GY	1.59
368	-0.9141	GY	1.78
368	-0.7734	GY	1.97
368	-0.6328	GY	2.15
368	-0.4922	GY	2.34
368	-0.3516	GY	2.52
368	-0.2109	GY	2.71
368	-0.0703	GY	2.87
222	-0.0703	GY	0.12
222	-0.2109	GY	0.29
222	-0.3516	GY	0.47
222	-0.4922	GY	0.66
222	-0.6328	GY	0.85
222	-0.7734	GY	1.03
222	-0.9141	GY	1.22
222	-1.0547	GY	1.41
222	-1.0547	GY	1.59
222	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 42

222	-0.7734 GY	1.97
222	-0.6328 GY	2.15
222	-0.4922 GY	2.34
222	-0.3516 GY	2.53
222	-0.2109 GY	2.71
222	-0.0703 GY	2.88
367	-0.0703 GY	0.12
367	-0.2109 GY	0.29
367	-0.3516 GY	0.47
367	-0.4922 GY	0.66
367	-0.6328 GY	0.85
367	-0.7734 GY	1.03
367	-0.9141 GY	1.22
367	-1.0547 GY	1.41
367	-1.0547 GY	1.59
367	-0.9141 GY	1.78
367	-0.7734 GY	1.97
367	-0.6328 GY	2.15
367	-0.4922 GY	2.34
367	-0.3516 GY	2.52
367	-0.2109 GY	2.71
367	-0.0703 GY	2.87
169	-0.0703 GY	0.13
169	-0.2109 GY	0.29
169	-0.3516 GY	0.48
169	-0.4922 GY	0.66
169	-0.6328 GY	0.85
169	-0.7734 GY	1.03
169	-0.9141 GY	1.22
169	-1.0547 GY	1.41
169	-1.0547 GY	1.59
169	-0.9141 GY	1.78
169	-0.7734 GY	1.97
169	-0.6328 GY	2.15
169	-0.4922 GY	2.34
169	-0.3516 GY	2.53
169	-0.2109 GY	2.71
169	-0.0703 GY	2.88
369	-0.0703 GY	0.12
369	-0.2109 GY	0.29
369	-0.3516 GY	0.47
369	-0.4922 GY	0.66
369	-0.6328 GY	0.85
369	-0.7734 GY	1.03
369	-0.9141 GY	1.22
369	-1.0547 GY	1.41
369	-1.0547 GY	1.59
369	-0.9141 GY	1.78
369	-0.7734 GY	1.97
369	-0.6328 GY	2.15
369	-0.4922 GY	2.34
369	-0.3516 GY	2.52
369	-0.2109 GY	2.71
369	-0.0703 GY	2.87
223	-0.0703 GY	0.13
223	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 43

223	-0.3516 GY	0.48
223	-0.4922 GY	0.66
223	-0.6328 GY	0.85
223	-0.7734 GY	1.03
223	-0.9141 GY	1.22
223	-1.0547 GY	1.41
223	-1.0547 GY	1.59
223	-0.9141 GY	1.78
223	-0.7734 GY	1.97
223	-0.6328 GY	2.15
223	-0.4922 GY	2.34
223	-0.3516 GY	2.53
223	-0.2109 GY	2.71
223	-0.0703 GY	2.88
368	-0.0703 GY	0.12
368	-0.2109 GY	0.29
368	-0.3516 GY	0.47
368	-0.4922 GY	0.66
368	-0.6328 GY	0.85
368	-0.7734 GY	1.03
368	-0.9141 GY	1.22
368	-1.0547 GY	1.41
368	-1.0547 GY	1.59
368	-0.9141 GY	1.78
368	-0.7734 GY	1.97
368	-0.6328 GY	2.15
368	-0.4922 GY	2.34
368	-0.3516 GY	2.52
368	-0.2109 GY	2.71
368	-0.0703 GY	2.87
170	-0.0703 GY	0.12
170	-0.2109 GY	0.29
170	-0.3516 GY	0.47
170	-0.4922 GY	0.66
170	-0.6328 GY	0.85
170	-0.7734 GY	1.03
170	-0.9141 GY	1.22
170	-1.0547 GY	1.41
170	-1.0547 GY	1.59
170	-0.9141 GY	1.78
170	-0.7734 GY	1.97
170	-0.6328 GY	2.15
170	-0.4922 GY	2.34
170	-0.3516 GY	2.52
170	-0.2109 GY	2.71
170	-0.0703 GY	2.87
370	-0.0703 GY	0.12
370	-0.2109 GY	0.29
370	-0.3516 GY	0.47
370	-0.4922 GY	0.66
370	-0.6328 GY	0.85
370	-0.7734 GY	1.03
370	-0.9141 GY	1.22
370	-1.0547 GY	1.41
370	-1.0547 GY	1.59
370	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 44

370	-0.7734 GY	1.97
370	-0.6328 GY	2.15
370	-0.4922 GY	2.34
370	-0.3516 GY	2.52
370	-0.2109 GY	2.71
370	-0.0703 GY	2.87
224	-0.0703 GY	0.12
224	-0.2109 GY	0.29
224	-0.3516 GY	0.47
224	-0.4922 GY	0.66
224	-0.6328 GY	0.85
224	-0.7734 GY	1.03
224	-0.9141 GY	1.22
224	-1.0547 GY	1.41
224	-1.0547 GY	1.59
224	-0.9141 GY	1.78
224	-0.7734 GY	1.97
224	-0.6328 GY	2.15
224	-0.4922 GY	2.34
224	-0.3516 GY	2.52
224	-0.2109 GY	2.71
224	-0.0703 GY	2.87
369	-0.0703 GY	0.12
369	-0.2109 GY	0.29
369	-0.3516 GY	0.47
369	-0.4922 GY	0.66
369	-0.6328 GY	0.85
369	-0.7734 GY	1.03
369	-0.9141 GY	1.22
369	-1.0547 GY	1.41
369	-1.0547 GY	1.59
369	-0.9141 GY	1.78
369	-0.7734 GY	1.97
369	-0.6328 GY	2.15
369	-0.4922 GY	2.34
369	-0.3516 GY	2.52
369	-0.2109 GY	2.71
369	-0.0703 GY	2.87
9	-0.0703 GY	0.12
9	-0.2109 GY	0.29
9	-0.3516 GY	0.47
9	-0.4922 GY	0.66
9	-0.6328 GY	0.85
9	-0.7734 GY	1.03
9	-0.9141 GY	1.22
9	-1.0547 GY	1.41
9	-1.0547 GY	1.59
9	-0.9141 GY	1.78
9	-0.7734 GY	1.97
9	-0.6328 GY	2.15
9	-0.4922 GY	2.34
9	-0.3516 GY	2.53
9	-0.2109 GY	2.71
9	-0.0703 GY	2.88
282	-0.0703 GY	0.12
282	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 45

282	-0.3516 GY	0.47
282	-0.4922 GY	0.66
282	-0.6328 GY	0.85
282	-0.7734 GY	1.03
282	-0.9141 GY	1.22
282	-1.0547 GY	1.41
282	-1.0547 GY	1.59
282	-0.9141 GY	1.78
282	-0.7734 GY	1.97
282	-0.6328 GY	2.15
282	-0.4922 GY	2.34
282	-0.3516 GY	2.53
282	-0.2109 GY	2.71
282	-0.0703 GY	2.88
63	-0.0703 GY	0.12
63	-0.2109 GY	0.29
63	-0.3516 GY	0.47
63	-0.4922 GY	0.66
63	-0.6328 GY	0.85
63	-0.7734 GY	1.03
63	-0.9141 GY	1.22
63	-1.0547 GY	1.41
63	-1.0547 GY	1.59
63	-0.9141 GY	1.78
63	-0.7734 GY	1.97
63	-0.6328 GY	2.15
63	-0.4922 GY	2.34
63	-0.3516 GY	2.53
63	-0.2109 GY	2.71
63	-0.0703 GY	2.88
281	-0.0703 GY	0.12
281	-0.2109 GY	0.29
281	-0.3516 GY	0.47
281	-0.4922 GY	0.66
281	-0.6328 GY	0.85
281	-0.7734 GY	1.03
281	-0.9141 GY	1.22
281	-1.0547 GY	1.41
281	-1.0547 GY	1.59
281	-0.9141 GY	1.78
281	-0.7734 GY	1.97
281	-0.6328 GY	2.15
281	-0.4922 GY	2.34
281	-0.3516 GY	2.53
281	-0.2109 GY	2.71
281	-0.0703 GY	2.88
10	-0.0703 GY	0.12
10	-0.2109 GY	0.29
10	-0.3516 GY	0.47
10	-0.4922 GY	0.66
10	-0.6328 GY	0.85
10	-0.7734 GY	1.03
10	-0.9141 GY	1.22
10	-1.0547 GY	1.41
10	-1.0547 GY	1.59
10	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 46

10	-0.7734 GY	1.97
10	-0.6328 GY	2.15
10	-0.4922 GY	2.34
10	-0.3516 GY	2.53
10	-0.2109 GY	2.71
10	-0.0703 GY	2.88
283	-0.0703 GY	0.12
283	-0.2109 GY	0.29
283	-0.3516 GY	0.47
283	-0.4922 GY	0.66
283	-0.6328 GY	0.85
283	-0.7734 GY	1.03
283	-0.9141 GY	1.22
283	-1.0547 GY	1.41
283	-1.0547 GY	1.59
283	-0.9141 GY	1.78
283	-0.7734 GY	1.97
283	-0.6328 GY	2.15
283	-0.4922 GY	2.34
283	-0.3516 GY	2.53
283	-0.2109 GY	2.71
283	-0.0703 GY	2.88
64	-0.0703 GY	0.12
64	-0.2109 GY	0.29
64	-0.3516 GY	0.47
64	-0.4922 GY	0.66
64	-0.6328 GY	0.85
64	-0.7734 GY	1.03
64	-0.9141 GY	1.22
64	-1.0547 GY	1.41
64	-1.0547 GY	1.59
64	-0.9141 GY	1.78
64	-0.7734 GY	1.97
64	-0.6328 GY	2.15
64	-0.4922 GY	2.34
64	-0.3516 GY	2.53
64	-0.2109 GY	2.71
64	-0.0703 GY	2.88
282	-0.0703 GY	0.12
282	-0.2109 GY	0.29
282	-0.3516 GY	0.47
282	-0.4922 GY	0.66
282	-0.6328 GY	0.85
282	-0.7734 GY	1.03
282	-0.9141 GY	1.22
282	-1.0547 GY	1.41
282	-1.0547 GY	1.59
282	-0.9141 GY	1.78
282	-0.7734 GY	1.97
282	-0.6328 GY	2.15
282	-0.4922 GY	2.34
282	-0.3516 GY	2.53
282	-0.2109 GY	2.71
282	-0.0703 GY	2.88
11	-0.0703 GY	0.13
11	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 47

11	-0.3516	GY	0.48
11	-0.4922	GY	0.66
11	-0.6328	GY	0.85
11	-0.7734	GY	1.03
11	-0.9141	GY	1.22
11	-1.0547	GY	1.41
11	-1.0547	GY	1.59
11	-0.9141	GY	1.78
11	-0.7734	GY	1.97
11	-0.6328	GY	2.15
11	-0.4922	GY	2.34
11	-0.3516	GY	2.53
11	-0.2109	GY	2.71
11	-0.0703	GY	2.88
284	-0.0703	GY	0.12
284	-0.2109	GY	0.29
284	-0.3516	GY	0.47
284	-0.4922	GY	0.66
284	-0.6328	GY	0.85
284	-0.7734	GY	1.03
284	-0.9141	GY	1.22
284	-1.0547	GY	1.41
284	-1.0547	GY	1.59
284	-0.9141	GY	1.78
284	-0.7734	GY	1.97
284	-0.6328	GY	2.15
284	-0.4922	GY	2.34
284	-0.3516	GY	2.53
284	-0.2109	GY	2.71
284	-0.0703	GY	2.88
65	-0.0703	GY	0.13
65	-0.2109	GY	0.29
65	-0.3516	GY	0.48
65	-0.4922	GY	0.66
65	-0.6328	GY	0.85
65	-0.7734	GY	1.03
65	-0.9141	GY	1.22
65	-1.0547	GY	1.41
65	-1.0547	GY	1.59
65	-0.9141	GY	1.78
65	-0.7734	GY	1.97
65	-0.6328	GY	2.15
65	-0.4922	GY	2.34
65	-0.3516	GY	2.53
65	-0.2109	GY	2.71
65	-0.0703	GY	2.88
283	-0.0703	GY	0.12
283	-0.2109	GY	0.29
283	-0.3516	GY	0.47
283	-0.4922	GY	0.66
283	-0.6328	GY	0.85
283	-0.7734	GY	1.03
283	-0.9141	GY	1.22
283	-1.0547	GY	1.41
283	-1.0547	GY	1.59
283	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 48

283	-0.7734 GY	1.97
283	-0.6328 GY	2.15
283	-0.4922 GY	2.34
283	-0.3516 GY	2.53
283	-0.2109 GY	2.71
283	-0.0703 GY	2.88
12	-0.0703 GY	0.12
12	-0.2109 GY	0.29
12	-0.3516 GY	0.47
12	-0.4922 GY	0.66
12	-0.6328 GY	0.85
12	-0.7734 GY	1.03
12	-0.9141 GY	1.22
12	-1.0547 GY	1.41
12	-1.0547 GY	1.59
12	-0.9141 GY	1.78
12	-0.7734 GY	1.97
12	-0.6328 GY	2.15
12	-0.4922 GY	2.34
12	-0.3516 GY	2.52
12	-0.2109 GY	2.71
12	-0.0703 GY	2.87
285	-0.0703 GY	0.12
285	-0.2109 GY	0.29
285	-0.3516 GY	0.47
285	-0.4922 GY	0.66
285	-0.6328 GY	0.85
285	-0.7734 GY	1.03
285	-0.9141 GY	1.22
285	-1.0547 GY	1.41
285	-1.0547 GY	1.59
285	-0.9141 GY	1.78
285	-0.7734 GY	1.97
285	-0.6328 GY	2.15
285	-0.4922 GY	2.34
285	-0.3516 GY	2.53
285	-0.2109 GY	2.71
285	-0.0703 GY	2.88
66	-0.0703 GY	0.12
66	-0.2109 GY	0.29
66	-0.3516 GY	0.47
66	-0.4922 GY	0.66
66	-0.6328 GY	0.85
66	-0.7734 GY	1.03
66	-0.9141 GY	1.22
66	-1.0547 GY	1.41
66	-1.0547 GY	1.59
66	-0.9141 GY	1.78
66	-0.7734 GY	1.97
66	-0.6328 GY	2.15
66	-0.4922 GY	2.34
66	-0.3516 GY	2.52
66	-0.2109 GY	2.71
66	-0.0703 GY	2.87
284	-0.0703 GY	0.12
284	-0.2109 GY	0.29



STAAD SPACE

-- PAGE NO. 49

284	-0.3516 GY	0.47
284	-0.4922 GY	0.66
284	-0.6328 GY	0.85
284	-0.7734 GY	1.03
284	-0.9141 GY	1.22
284	-1.0547 GY	1.41
284	-1.0547 GY	1.59
284	-0.9141 GY	1.78
284	-0.7734 GY	1.97
284	-0.6328 GY	2.15
284	-0.4922 GY	2.34
284	-0.3516 GY	2.53
284	-0.2109 GY	2.71
284	-0.0703 GY	2.88
63	-0.0703 GY	0.12
63	-0.2109 GY	0.29
63	-0.3516 GY	0.47
63	-0.4922 GY	0.66
63	-0.6328 GY	0.85
63	-0.7734 GY	1.03
63	-0.9141 GY	1.22
63	-1.0547 GY	1.41
63	-1.0547 GY	1.59
63	-0.9141 GY	1.78
63	-0.7734 GY	1.97
63	-0.6328 GY	2.15
63	-0.4922 GY	2.34
63	-0.3516 GY	2.53
63	-0.2109 GY	2.71
63	-0.0703 GY	2.88
312	-0.0703 GY	0.12
312	-0.2109 GY	0.29
312	-0.3516 GY	0.47
312	-0.4922 GY	0.66
312	-0.6328 GY	0.85
312	-0.7734 GY	1.03
312	-0.9141 GY	1.22
312	-1.0547 GY	1.41
312	-1.0547 GY	1.59
312	-0.9141 GY	1.78
312	-0.7734 GY	1.97
312	-0.6328 GY	2.15
312	-0.4922 GY	2.34
312	-0.3516 GY	2.53
312	-0.2109 GY	2.71
312	-0.0703 GY	2.88
117	-0.0703 GY	0.12
117	-0.2109 GY	0.29
117	-0.3516 GY	0.47
117	-0.4922 GY	0.66
117	-0.6328 GY	0.85
117	-0.7734 GY	1.03
117	-0.9141 GY	1.22
117	-1.0547 GY	1.41
117	-1.0547 GY	1.59
117	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 50

117	-0.7734 GY	1.97
117	-0.6328 GY	2.15
117	-0.4922 GY	2.34
117	-0.3516 GY	2.53
117	-0.2109 GY	2.71
117	-0.0703 GY	2.88
311	-0.0703 GY	0.12
311	-0.2109 GY	0.29
311	-0.3516 GY	0.47
311	-0.4922 GY	0.66
311	-0.6328 GY	0.85
311	-0.7734 GY	1.03
311	-0.9141 GY	1.22
311	-1.0547 GY	1.41
311	-1.0547 GY	1.59
311	-0.9141 GY	1.78
311	-0.7734 GY	1.97
311	-0.6328 GY	2.15
311	-0.4922 GY	2.34
311	-0.3516 GY	2.53
311	-0.2109 GY	2.71
311	-0.0703 GY	2.88
64	-0.0703 GY	0.12
64	-0.2109 GY	0.29
64	-0.3516 GY	0.47
64	-0.4922 GY	0.66
64	-0.6328 GY	0.85
64	-0.7734 GY	1.03
64	-0.9141 GY	1.22
64	-1.0547 GY	1.41
64	-1.0547 GY	1.59
64	-0.9141 GY	1.78
64	-0.7734 GY	1.97
64	-0.6328 GY	2.15
64	-0.4922 GY	2.34
64	-0.3516 GY	2.53
64	-0.2109 GY	2.71
64	-0.0703 GY	2.88
313	-0.0703 GY	0.12
313	-0.2109 GY	0.29
313	-0.3516 GY	0.47
313	-0.4922 GY	0.66
313	-0.6328 GY	0.85
313	-0.7734 GY	1.03
313	-0.9141 GY	1.22
313	-1.0547 GY	1.41
313	-1.0547 GY	1.59
313	-0.9141 GY	1.78
313	-0.7734 GY	1.97
313	-0.6328 GY	2.15
313	-0.4922 GY	2.34
313	-0.3516 GY	2.53
313	-0.2109 GY	2.71
313	-0.0703 GY	2.88
118	-0.0703 GY	0.12
118	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 51

118	-0.3516	GY	0.47
118	-0.4922	GY	0.66
118	-0.6328	GY	0.85
118	-0.7734	GY	1.03
118	-0.9141	GY	1.22
118	-1.0547	GY	1.41
118	-1.0547	GY	1.59
118	-0.9141	GY	1.78
118	-0.7734	GY	1.97
118	-0.6328	GY	2.15
118	-0.4922	GY	2.34
118	-0.3516	GY	2.53
118	-0.2109	GY	2.71
118	-0.0703	GY	2.88
312	-0.0703	GY	0.12
312	-0.2109	GY	0.29
312	-0.3516	GY	0.47
312	-0.4922	GY	0.66
312	-0.6328	GY	0.85
312	-0.7734	GY	1.03
312	-0.9141	GY	1.22
312	-1.0547	GY	1.41
312	-1.0547	GY	1.59
312	-0.9141	GY	1.78
312	-0.7734	GY	1.97
312	-0.6328	GY	2.15
312	-0.4922	GY	2.34
312	-0.3516	GY	2.53
312	-0.2109	GY	2.71
312	-0.0703	GY	2.88
65	-0.0703	GY	0.13
65	-0.2109	GY	0.29
65	-0.3516	GY	0.48
65	-0.4922	GY	0.66
65	-0.6328	GY	0.85
65	-0.7734	GY	1.03
65	-0.9141	GY	1.22
65	-1.0547	GY	1.41
65	-1.0547	GY	1.59
65	-0.9141	GY	1.78
65	-0.7734	GY	1.97
65	-0.6328	GY	2.15
65	-0.4922	GY	2.34
65	-0.3516	GY	2.53
65	-0.2109	GY	2.71
65	-0.0703	GY	2.88
314	-0.0703	GY	0.12
314	-0.2109	GY	0.29
314	-0.3516	GY	0.47
314	-0.4922	GY	0.66
314	-0.6328	GY	0.85
314	-0.7734	GY	1.03
314	-0.9141	GY	1.22
314	-1.0547	GY	1.41
314	-1.0547	GY	1.59
314	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 52

314	-0.7734 GY	1.97
314	-0.6328 GY	2.15
314	-0.4922 GY	2.34
314	-0.3516 GY	2.53
314	-0.2109 GY	2.71
314	-0.0703 GY	2.88
119	-0.0703 GY	0.13
119	-0.2109 GY	0.29
119	-0.3516 GY	0.48
119	-0.4922 GY	0.66
119	-0.6328 GY	0.85
119	-0.7734 GY	1.03
119	-0.9141 GY	1.22
119	-1.0547 GY	1.41
119	-1.0547 GY	1.59
119	-0.9141 GY	1.78
119	-0.7734 GY	1.97
119	-0.6328 GY	2.15
119	-0.4922 GY	2.34
119	-0.3516 GY	2.53
119	-0.2109 GY	2.71
119	-0.0703 GY	2.88
313	-0.0703 GY	0.12
313	-0.2109 GY	0.29
313	-0.3516 GY	0.47
313	-0.4922 GY	0.66
313	-0.6328 GY	0.85
313	-0.7734 GY	1.03
313	-0.9141 GY	1.22
313	-1.0547 GY	1.41
313	-1.0547 GY	1.59
313	-0.9141 GY	1.78
313	-0.7734 GY	1.97
313	-0.6328 GY	2.15
313	-0.4922 GY	2.34
313	-0.3516 GY	2.53
313	-0.2109 GY	2.71
313	-0.0703 GY	2.88
66	-0.0703 GY	0.12
66	-0.2109 GY	0.29
66	-0.3516 GY	0.47
66	-0.4922 GY	0.66
66	-0.6328 GY	0.85
66	-0.7734 GY	1.03
66	-0.9141 GY	1.22
66	-1.0547 GY	1.41
66	-1.0547 GY	1.59
66	-0.9141 GY	1.78
66	-0.7734 GY	1.97
66	-0.6328 GY	2.15
66	-0.4922 GY	2.34
66	-0.3516 GY	2.52
66	-0.2109 GY	2.71
66	-0.0703 GY	2.87
315	-0.0703 GY	0.12
315	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 53

315	-0.3516	GY	0.47
315	-0.4922	GY	0.66
315	-0.6328	GY	0.85
315	-0.7734	GY	1.03
315	-0.9141	GY	1.22
315	-1.0547	GY	1.41
315	-1.0547	GY	1.59
315	-0.9141	GY	1.78
315	-0.7734	GY	1.97
315	-0.6328	GY	2.15
315	-0.4922	GY	2.34
315	-0.3516	GY	2.53
315	-0.2109	GY	2.71
315	-0.0703	GY	2.88
120	-0.0703	GY	0.12
120	-0.2109	GY	0.29
120	-0.3516	GY	0.47
120	-0.4922	GY	0.66
120	-0.6328	GY	0.85
120	-0.7734	GY	1.03
120	-0.9141	GY	1.22
120	-1.0547	GY	1.41
120	-1.0547	GY	1.59
120	-0.9141	GY	1.78
120	-0.7734	GY	1.97
120	-0.6328	GY	2.15
120	-0.4922	GY	2.34
120	-0.3516	GY	2.52
120	-0.2109	GY	2.71
120	-0.0703	GY	2.87
314	-0.0703	GY	0.12
314	-0.2109	GY	0.29
314	-0.3516	GY	0.47
314	-0.4922	GY	0.66
314	-0.6328	GY	0.85
314	-0.7734	GY	1.03
314	-0.9141	GY	1.22
314	-1.0547	GY	1.41
314	-1.0547	GY	1.59
314	-0.9141	GY	1.78
314	-0.7734	GY	1.97
314	-0.6328	GY	2.15
314	-0.4922	GY	2.34
314	-0.3516	GY	2.53
314	-0.2109	GY	2.71
314	-0.0703	GY	2.88
117	-0.0703	GY	0.12
117	-0.2109	GY	0.29
117	-0.3516	GY	0.47
117	-0.4922	GY	0.66
117	-0.6328	GY	0.85
117	-0.7734	GY	1.03
117	-0.9141	GY	1.22
117	-1.0547	GY	1.41
117	-1.0547	GY	1.59
117	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 54

117	-0.7734 GY	1.97
117	-0.6328 GY	2.15
117	-0.4922 GY	2.34
117	-0.3516 GY	2.53
117	-0.2109 GY	2.71
117	-0.0703 GY	2.88
342	-0.0703 GY	0.13
342	-0.2109 GY	0.29
342	-0.3516 GY	0.48
342	-0.4922 GY	0.66
342	-0.6328 GY	0.85
342	-0.7734 GY	1.03
342	-0.9141 GY	1.22
342	-1.0547 GY	1.41
342	-1.0547 GY	1.59
342	-0.9141 GY	1.78
342	-0.7734 GY	1.97
342	-0.6328 GY	2.15
342	-0.4922 GY	2.34
342	-0.3516 GY	2.53
342	-0.2109 GY	2.71
342	-0.0703 GY	2.88
171	-0.0703 GY	0.12
171	-0.2109 GY	0.29
171	-0.3516 GY	0.47
171	-0.4922 GY	0.66
171	-0.6328 GY	0.85
171	-0.7734 GY	1.03
171	-0.9141 GY	1.22
171	-1.0547 GY	1.41
171	-1.0547 GY	1.59
171	-0.9141 GY	1.78
171	-0.7734 GY	1.97
171	-0.6328 GY	2.15
171	-0.4922 GY	2.34
171	-0.3516 GY	2.53
171	-0.2109 GY	2.71
171	-0.0703 GY	2.88
341	-0.0703 GY	0.13
341	-0.2109 GY	0.29
341	-0.3516 GY	0.48
341	-0.4922 GY	0.66
341	-0.6328 GY	0.85
341	-0.7734 GY	1.03
341	-0.9141 GY	1.22
341	-1.0547 GY	1.41
341	-1.0547 GY	1.59
341	-0.9141 GY	1.78
341	-0.7734 GY	1.97
341	-0.6328 GY	2.15
341	-0.4922 GY	2.34
341	-0.3516 GY	2.53
341	-0.2109 GY	2.71
341	-0.0703 GY	2.88
118	-0.0703 GY	0.12
118	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 55

118	-0.3516	GY	0.47
118	-0.4922	GY	0.66
118	-0.6328	GY	0.85
118	-0.7734	GY	1.03
118	-0.9141	GY	1.22
118	-1.0547	GY	1.41
118	-1.0547	GY	1.59
118	-0.9141	GY	1.78
118	-0.7734	GY	1.97
118	-0.6328	GY	2.15
118	-0.4922	GY	2.34
118	-0.3516	GY	2.53
118	-0.2109	GY	2.71
118	-0.0703	GY	2.88
343	-0.0703	GY	0.13
343	-0.2109	GY	0.29
343	-0.3516	GY	0.48
343	-0.4922	GY	0.66
343	-0.6328	GY	0.85
343	-0.7734	GY	1.03
343	-0.9141	GY	1.22
343	-1.0547	GY	1.41
343	-1.0547	GY	1.59
343	-0.9141	GY	1.78
343	-0.7734	GY	1.97
343	-0.6328	GY	2.15
343	-0.4922	GY	2.34
343	-0.3516	GY	2.53
343	-0.2109	GY	2.71
343	-0.0703	GY	2.88
172	-0.0703	GY	0.12
172	-0.2109	GY	0.29
172	-0.3516	GY	0.47
172	-0.4922	GY	0.66
172	-0.6328	GY	0.85
172	-0.7734	GY	1.03
172	-0.9141	GY	1.22
172	-1.0547	GY	1.41
172	-1.0547	GY	1.59
172	-0.9141	GY	1.78
172	-0.7734	GY	1.97
172	-0.6328	GY	2.15
172	-0.4922	GY	2.34
172	-0.3516	GY	2.53
172	-0.2109	GY	2.71
172	-0.0703	GY	2.88
342	-0.0703	GY	0.13
342	-0.2109	GY	0.29
342	-0.3516	GY	0.48
342	-0.4922	GY	0.66
342	-0.6328	GY	0.85
342	-0.7734	GY	1.03
342	-0.9141	GY	1.22
342	-1.0547	GY	1.41
342	-1.0547	GY	1.59
342	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 56

342	-0.7734 GY	1.97
342	-0.6328 GY	2.15
342	-0.4922 GY	2.34
342	-0.3516 GY	2.53
342	-0.2109 GY	2.71
342	-0.0703 GY	2.88
119	-0.0703 GY	0.13
119	-0.2109 GY	0.29
119	-0.3516 GY	0.48
119	-0.4922 GY	0.66
119	-0.6328 GY	0.85
119	-0.7734 GY	1.03
119	-0.9141 GY	1.22
119	-1.0547 GY	1.41
119	-1.0547 GY	1.59
119	-0.9141 GY	1.78
119	-0.7734 GY	1.97
119	-0.6328 GY	2.15
119	-0.4922 GY	2.34
119	-0.3516 GY	2.53
119	-0.2109 GY	2.71
119	-0.0703 GY	2.88
344	-0.0703 GY	0.13
344	-0.2109 GY	0.29
344	-0.3516 GY	0.48
344	-0.4922 GY	0.66
344	-0.6328 GY	0.85
344	-0.7734 GY	1.03
344	-0.9141 GY	1.22
344	-1.0547 GY	1.41
344	-1.0547 GY	1.59
344	-0.9141 GY	1.78
344	-0.7734 GY	1.97
344	-0.6328 GY	2.15
344	-0.4922 GY	2.34
344	-0.3516 GY	2.53
344	-0.2109 GY	2.71
344	-0.0703 GY	2.88
173	-0.0703 GY	0.13
173	-0.2109 GY	0.29
173	-0.3516 GY	0.48
173	-0.4922 GY	0.66
173	-0.6328 GY	0.85
173	-0.7734 GY	1.03
173	-0.9141 GY	1.22
173	-1.0547 GY	1.41
173	-1.0547 GY	1.59
173	-0.9141 GY	1.78
173	-0.7734 GY	1.97
173	-0.6328 GY	2.15
173	-0.4922 GY	2.34
173	-0.3516 GY	2.53
173	-0.2109 GY	2.71
173	-0.0703 GY	2.88
343	-0.0703 GY	0.13
343	-0.2109 GY	0.29



STAAD SPACE

-- PAGE NO. 57

343	-0.3516 GY	0.48
343	-0.4922 GY	0.66
343	-0.6328 GY	0.85
343	-0.7734 GY	1.03
343	-0.9141 GY	1.22
343	-1.0547 GY	1.41
343	-1.0547 GY	1.59
343	-0.9141 GY	1.78
343	-0.7734 GY	1.97
343	-0.6328 GY	2.15
343	-0.4922 GY	2.34
343	-0.3516 GY	2.53
343	-0.2109 GY	2.71
343	-0.0703 GY	2.88
120	-0.0703 GY	0.12
120	-0.2109 GY	0.29
120	-0.3516 GY	0.47
120	-0.4922 GY	0.66
120	-0.6328 GY	0.85
120	-0.7734 GY	1.03
120	-0.9141 GY	1.22
120	-1.0547 GY	1.41
120	-1.0547 GY	1.59
120	-0.9141 GY	1.78
120	-0.7734 GY	1.97
120	-0.6328 GY	2.15
120	-0.4922 GY	2.34
120	-0.3516 GY	2.52
120	-0.2109 GY	2.71
120	-0.0703 GY	2.87
345	-0.0703 GY	0.13
345	-0.2109 GY	0.29
345	-0.3516 GY	0.48
345	-0.4922 GY	0.66
345	-0.6328 GY	0.85
345	-0.7734 GY	1.03
345	-0.9141 GY	1.22
345	-1.0547 GY	1.41
345	-1.0547 GY	1.59
345	-0.9141 GY	1.78
345	-0.7734 GY	1.97
345	-0.6328 GY	2.15
345	-0.4922 GY	2.34
345	-0.3516 GY	2.53
345	-0.2109 GY	2.71
345	-0.0703 GY	2.88
174	-0.0703 GY	0.12
174	-0.2109 GY	0.29
174	-0.3516 GY	0.47
174	-0.4922 GY	0.66
174	-0.6328 GY	0.85
174	-0.7734 GY	1.03
174	-0.9141 GY	1.22
174	-1.0547 GY	1.41
174	-1.0547 GY	1.59
174	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 58

174	-0.7734 GY	1.97
174	-0.6328 GY	2.15
174	-0.4922 GY	2.34
174	-0.3516 GY	2.52
174	-0.2109 GY	2.71
174	-0.0703 GY	2.87
344	-0.0703 GY	0.13
344	-0.2109 GY	0.29
344	-0.3516 GY	0.48
344	-0.4922 GY	0.66
344	-0.6328 GY	0.85
344	-0.7734 GY	1.03
344	-0.9141 GY	1.22
344	-1.0547 GY	1.41
344	-1.0547 GY	1.59
344	-0.9141 GY	1.78
344	-0.7734 GY	1.97
344	-0.6328 GY	2.15
344	-0.4922 GY	2.34
344	-0.3516 GY	2.53
344	-0.2109 GY	2.71
344	-0.0703 GY	2.88
171	-0.0703 GY	0.12
171	-0.2109 GY	0.29
171	-0.3516 GY	0.47
171	-0.4922 GY	0.66
171	-0.6328 GY	0.85
171	-0.7734 GY	1.03
171	-0.9141 GY	1.22
171	-1.0547 GY	1.41
171	-1.0547 GY	1.59
171	-0.9141 GY	1.78
171	-0.7734 GY	1.97
171	-0.6328 GY	2.15
171	-0.4922 GY	2.34
171	-0.3516 GY	2.53
171	-0.2109 GY	2.71
171	-0.0703 GY	2.88
372	-0.0703 GY	0.12
372	-0.2109 GY	0.29
372	-0.3516 GY	0.47
372	-0.4922 GY	0.66
372	-0.6328 GY	0.85
372	-0.7734 GY	1.03
372	-0.9141 GY	1.22
372	-1.0547 GY	1.41
372	-1.0547 GY	1.59
372	-0.9141 GY	1.78
372	-0.7734 GY	1.97
372	-0.6328 GY	2.15
372	-0.4922 GY	2.34
372	-0.3516 GY	2.52
372	-0.2109 GY	2.71
372	-0.0703 GY	2.87
225	-0.0703 GY	0.12
225	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 59

225	-0.3516	GY	0.47
225	-0.4922	GY	0.66
225	-0.6328	GY	0.85
225	-0.7734	GY	1.03
225	-0.9141	GY	1.22
225	-1.0547	GY	1.41
225	-1.0547	GY	1.59
225	-0.9141	GY	1.78
225	-0.7734	GY	1.97
225	-0.6328	GY	2.15
225	-0.4922	GY	2.34
225	-0.3516	GY	2.53
225	-0.2109	GY	2.71
225	-0.0703	GY	2.88
371	-0.0703	GY	0.12
371	-0.2109	GY	0.29
371	-0.3516	GY	0.47
371	-0.4922	GY	0.66
371	-0.6328	GY	0.85
371	-0.7734	GY	1.03
371	-0.9141	GY	1.22
371	-1.0547	GY	1.41
371	-1.0547	GY	1.59
371	-0.9141	GY	1.78
371	-0.7734	GY	1.97
371	-0.6328	GY	2.15
371	-0.4922	GY	2.34
371	-0.3516	GY	2.52
371	-0.2109	GY	2.71
371	-0.0703	GY	2.87
172	-0.0703	GY	0.12
172	-0.2109	GY	0.29
172	-0.3516	GY	0.47
172	-0.4922	GY	0.66
172	-0.6328	GY	0.85
172	-0.7734	GY	1.03
172	-0.9141	GY	1.22
172	-1.0547	GY	1.41
172	-1.0547	GY	1.59
172	-0.9141	GY	1.78
172	-0.7734	GY	1.97
172	-0.6328	GY	2.15
172	-0.4922	GY	2.34
172	-0.3516	GY	2.53
172	-0.2109	GY	2.71
172	-0.0703	GY	2.88
373	-0.0703	GY	0.12
373	-0.2109	GY	0.29
373	-0.3516	GY	0.47
373	-0.4922	GY	0.66
373	-0.6328	GY	0.85
373	-0.7734	GY	1.03
373	-0.9141	GY	1.22
373	-1.0547	GY	1.41
373	-1.0547	GY	1.59
373	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 60

373	-0.7734 GY	1.97
373	-0.6328 GY	2.15
373	-0.4922 GY	2.34
373	-0.3516 GY	2.52
373	-0.2109 GY	2.71
373	-0.0703 GY	2.87
226	-0.0703 GY	0.12
226	-0.2109 GY	0.29
226	-0.3516 GY	0.47
226	-0.4922 GY	0.66
226	-0.6328 GY	0.85
226	-0.7734 GY	1.03
226	-0.9141 GY	1.22
226	-1.0547 GY	1.41
226	-1.0547 GY	1.59
226	-0.9141 GY	1.78
226	-0.7734 GY	1.97
226	-0.6328 GY	2.15
226	-0.4922 GY	2.34
226	-0.3516 GY	2.53
226	-0.2109 GY	2.71
226	-0.0703 GY	2.88
372	-0.0703 GY	0.12
372	-0.2109 GY	0.29
372	-0.3516 GY	0.47
372	-0.4922 GY	0.66
372	-0.6328 GY	0.85
372	-0.7734 GY	1.03
372	-0.9141 GY	1.22
372	-1.0547 GY	1.41
372	-1.0547 GY	1.59
372	-0.9141 GY	1.78
372	-0.7734 GY	1.97
372	-0.6328 GY	2.15
372	-0.4922 GY	2.34
372	-0.3516 GY	2.52
372	-0.2109 GY	2.71
372	-0.0703 GY	2.87
173	-0.0703 GY	0.13
173	-0.2109 GY	0.29
173	-0.3516 GY	0.48
173	-0.4922 GY	0.66
173	-0.6328 GY	0.85
173	-0.7734 GY	1.03
173	-0.9141 GY	1.22
173	-1.0547 GY	1.41
173	-1.0547 GY	1.59
173	-0.9141 GY	1.78
173	-0.7734 GY	1.97
173	-0.6328 GY	2.15
173	-0.4922 GY	2.34
173	-0.3516 GY	2.53
173	-0.2109 GY	2.71
173	-0.0703 GY	2.88
374	-0.0703 GY	0.12
374	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 61

374	-0.3516	GY	0.47
374	-0.4922	GY	0.66
374	-0.6328	GY	0.85
374	-0.7734	GY	1.03
374	-0.9141	GY	1.22
374	-1.0547	GY	1.41
374	-1.0547	GY	1.59
374	-0.9141	GY	1.78
374	-0.7734	GY	1.97
374	-0.6328	GY	2.15
374	-0.4922	GY	2.34
374	-0.3516	GY	2.52
374	-0.2109	GY	2.71
374	-0.0703	GY	2.87
227	-0.0703	GY	0.13
227	-0.2109	GY	0.29
227	-0.3516	GY	0.48
227	-0.4922	GY	0.66
227	-0.6328	GY	0.85
227	-0.7734	GY	1.03
227	-0.9141	GY	1.22
227	-1.0547	GY	1.41
227	-1.0547	GY	1.59
227	-0.9141	GY	1.78
227	-0.7734	GY	1.97
227	-0.6328	GY	2.15
227	-0.4922	GY	2.34
227	-0.3516	GY	2.53
227	-0.2109	GY	2.71
227	-0.0703	GY	2.88
373	-0.0703	GY	0.12
373	-0.2109	GY	0.29
373	-0.3516	GY	0.47
373	-0.4922	GY	0.66
373	-0.6328	GY	0.85
373	-0.7734	GY	1.03
373	-0.9141	GY	1.22
373	-1.0547	GY	1.41
373	-1.0547	GY	1.59
373	-0.9141	GY	1.78
373	-0.7734	GY	1.97
373	-0.6328	GY	2.15
373	-0.4922	GY	2.34
373	-0.3516	GY	2.52
373	-0.2109	GY	2.71
373	-0.0703	GY	2.87
174	-0.0703	GY	0.12
174	-0.2109	GY	0.29
174	-0.3516	GY	0.47
174	-0.4922	GY	0.66
174	-0.6328	GY	0.85
174	-0.7734	GY	1.03
174	-0.9141	GY	1.22
174	-1.0547	GY	1.41
174	-1.0547	GY	1.59
174	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 62

174	-0.7734 GY	1.97
174	-0.6328 GY	2.15
174	-0.4922 GY	2.34
174	-0.3516 GY	2.52
174	-0.2109 GY	2.71
174	-0.0703 GY	2.87
375	-0.0703 GY	0.12
375	-0.2109 GY	0.29
375	-0.3516 GY	0.47
375	-0.4922 GY	0.66
375	-0.6328 GY	0.85
375	-0.7734 GY	1.03
375	-0.9141 GY	1.22
375	-1.0547 GY	1.41
375	-1.0547 GY	1.59
375	-0.9141 GY	1.78
375	-0.7734 GY	1.97
375	-0.6328 GY	2.15
375	-0.4922 GY	2.34
375	-0.3516 GY	2.52
375	-0.2109 GY	2.71
375	-0.0703 GY	2.87
228	-0.0703 GY	0.12
228	-0.2109 GY	0.29
228	-0.3516 GY	0.47
228	-0.4922 GY	0.66
228	-0.6328 GY	0.85
228	-0.7734 GY	1.03
228	-0.9141 GY	1.22
228	-1.0547 GY	1.41
228	-1.0547 GY	1.59
228	-0.9141 GY	1.78
228	-0.7734 GY	1.97
228	-0.6328 GY	2.15
228	-0.4922 GY	2.34
228	-0.3516 GY	2.52
228	-0.2109 GY	2.71
228	-0.0703 GY	2.87
374	-0.0703 GY	0.12
374	-0.2109 GY	0.29
374	-0.3516 GY	0.47
374	-0.4922 GY	0.66
374	-0.6328 GY	0.85
374	-0.7734 GY	1.03
374	-0.9141 GY	1.22
374	-1.0547 GY	1.41
374	-1.0547 GY	1.59
374	-0.9141 GY	1.78
374	-0.7734 GY	1.97
374	-0.6328 GY	2.15
374	-0.4922 GY	2.34
374	-0.3516 GY	2.52
374	-0.2109 GY	2.71
374	-0.0703 GY	2.87
13	-0.0703 GY	0.12
13	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 63

13	-0.3516	GY	0.47
13	-0.4922	GY	0.66
13	-0.6328	GY	0.85
13	-0.7734	GY	1.03
13	-0.9141	GY	1.22
13	-1.0547	GY	1.41
13	-1.0547	GY	1.59
13	-0.9141	GY	1.78
13	-0.7734	GY	1.97
13	-0.6328	GY	2.15
13	-0.4922	GY	2.34
13	-0.3516	GY	2.53
13	-0.2109	GY	2.71
13	-0.0703	GY	2.88
287	-0.0703	GY	0.12
287	-0.2109	GY	0.29
287	-0.3516	GY	0.47
287	-0.4922	GY	0.66
287	-0.6328	GY	0.85
287	-0.7734	GY	1.03
287	-0.9141	GY	1.22
287	-1.0547	GY	1.41
287	-1.0547	GY	1.59
287	-0.9141	GY	1.78
287	-0.7734	GY	1.97
287	-0.6328	GY	2.15
287	-0.4922	GY	2.34
287	-0.3516	GY	2.53
287	-0.2109	GY	2.71
287	-0.0703	GY	2.88
67	-0.0703	GY	0.12
67	-0.2109	GY	0.29
67	-0.3516	GY	0.47
67	-0.4922	GY	0.66
67	-0.6328	GY	0.85
67	-0.7734	GY	1.03
67	-0.9141	GY	1.22
67	-1.0547	GY	1.41
67	-1.0547	GY	1.59
67	-0.9141	GY	1.78
67	-0.7734	GY	1.97
67	-0.6328	GY	2.15
67	-0.4922	GY	2.34
67	-0.3516	GY	2.53
67	-0.2109	GY	2.71
67	-0.0703	GY	2.88
286	-0.0703	GY	0.12
286	-0.2109	GY	0.29
286	-0.3516	GY	0.47
286	-0.4922	GY	0.66
286	-0.6328	GY	0.85
286	-0.7734	GY	1.03
286	-0.9141	GY	1.22
286	-1.0547	GY	1.41
286	-1.0547	GY	1.59
286	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 64

286	-0.7734 GY	1.97
286	-0.6328 GY	2.15
286	-0.4922 GY	2.34
286	-0.3516 GY	2.53
286	-0.2109 GY	2.71
286	-0.0703 GY	2.88
14	-0.0703 GY	0.12
14	-0.2109 GY	0.29
14	-0.3516 GY	0.47
14	-0.4922 GY	0.66
14	-0.6328 GY	0.85
14	-0.7734 GY	1.03
14	-0.9141 GY	1.22
14	-1.0547 GY	1.41
14	-1.0547 GY	1.59
14	-0.9141 GY	1.78
14	-0.7734 GY	1.97
14	-0.6328 GY	2.15
14	-0.4922 GY	2.34
14	-0.3516 GY	2.53
14	-0.2109 GY	2.71
14	-0.0703 GY	2.88
288	-0.0703 GY	0.12
288	-0.2109 GY	0.29
288	-0.3516 GY	0.47
288	-0.4922 GY	0.66
288	-0.6328 GY	0.85
288	-0.7734 GY	1.03
288	-0.9141 GY	1.22
288	-1.0547 GY	1.41
288	-1.0547 GY	1.59
288	-0.9141 GY	1.78
288	-0.7734 GY	1.97
288	-0.6328 GY	2.15
288	-0.4922 GY	2.34
288	-0.3516 GY	2.53
288	-0.2109 GY	2.71
288	-0.0703 GY	2.88
68	-0.0703 GY	0.12
68	-0.2109 GY	0.29
68	-0.3516 GY	0.47
68	-0.4922 GY	0.66
68	-0.6328 GY	0.85
68	-0.7734 GY	1.03
68	-0.9141 GY	1.22
68	-1.0547 GY	1.41
68	-1.0547 GY	1.59
68	-0.9141 GY	1.78
68	-0.7734 GY	1.97
68	-0.6328 GY	2.15
68	-0.4922 GY	2.34
68	-0.3516 GY	2.53
68	-0.2109 GY	2.71
68	-0.0703 GY	2.88
287	-0.0703 GY	0.12
287	-0.2109 GY	0.29



STAAD SPACE

-- PAGE NO. 65

287	-0.3516 GY	0.47
287	-0.4922 GY	0.66
287	-0.6328 GY	0.85
287	-0.7734 GY	1.03
287	-0.9141 GY	1.22
287	-1.0547 GY	1.41
287	-1.0547 GY	1.59
287	-0.9141 GY	1.78
287	-0.7734 GY	1.97
287	-0.6328 GY	2.15
287	-0.4922 GY	2.34
287	-0.3516 GY	2.53
287	-0.2109 GY	2.71
287	-0.0703 GY	2.88
15	-0.0703 GY	0.13
15	-0.2109 GY	0.29
15	-0.3516 GY	0.48
15	-0.4922 GY	0.66
15	-0.6328 GY	0.85
15	-0.7734 GY	1.03
15	-0.9141 GY	1.22
15	-1.0547 GY	1.41
15	-1.0547 GY	1.59
15	-0.9141 GY	1.78
15	-0.7734 GY	1.97
15	-0.6328 GY	2.15
15	-0.4922 GY	2.34
15	-0.3516 GY	2.53
15	-0.2109 GY	2.71
15	-0.0703 GY	2.88
289	-0.0703 GY	0.12
289	-0.2109 GY	0.29
289	-0.3516 GY	0.47
289	-0.4922 GY	0.66
289	-0.6328 GY	0.85
289	-0.7734 GY	1.03
289	-0.9141 GY	1.22
289	-1.0547 GY	1.41
289	-1.0547 GY	1.59
289	-0.9141 GY	1.78
289	-0.7734 GY	1.97
289	-0.6328 GY	2.15
289	-0.4922 GY	2.34
289	-0.3516 GY	2.53
289	-0.2109 GY	2.71
289	-0.0703 GY	2.88
69	-0.0703 GY	0.13
69	-0.2109 GY	0.29
69	-0.3516 GY	0.48
69	-0.4922 GY	0.66
69	-0.6328 GY	0.85
69	-0.7734 GY	1.03
69	-0.9141 GY	1.22
69	-1.0547 GY	1.41
69	-1.0547 GY	1.59
69	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 66

69	-0.7734 GY	1.97
69	-0.6328 GY	2.15
69	-0.4922 GY	2.34
69	-0.3516 GY	2.53
69	-0.2109 GY	2.71
69	-0.0703 GY	2.88
288	-0.0703 GY	0.12
288	-0.2109 GY	0.29
288	-0.3516 GY	0.47
288	-0.4922 GY	0.66
288	-0.6328 GY	0.85
288	-0.7734 GY	1.03
288	-0.9141 GY	1.22
288	-1.0547 GY	1.41
288	-1.0547 GY	1.59
288	-0.9141 GY	1.78
288	-0.7734 GY	1.97
288	-0.6328 GY	2.15
288	-0.4922 GY	2.34
288	-0.3516 GY	2.53
288	-0.2109 GY	2.71
288	-0.0703 GY	2.88
16	-0.0703 GY	0.12
16	-0.2109 GY	0.29
16	-0.3516 GY	0.47
16	-0.4922 GY	0.66
16	-0.6328 GY	0.85
16	-0.7734 GY	1.03
16	-0.9141 GY	1.22
16	-1.0547 GY	1.41
16	-1.0547 GY	1.59
16	-0.9141 GY	1.78
16	-0.7734 GY	1.97
16	-0.6328 GY	2.15
16	-0.4922 GY	2.34
16	-0.3516 GY	2.52
16	-0.2109 GY	2.71
16	-0.0703 GY	2.87
290	-0.0703 GY	0.12
290	-0.2109 GY	0.29
290	-0.3516 GY	0.47
290	-0.4922 GY	0.66
290	-0.6328 GY	0.85
290	-0.7734 GY	1.03
290	-0.9141 GY	1.22
290	-1.0547 GY	1.41
290	-1.0547 GY	1.59
290	-0.9141 GY	1.78
290	-0.7734 GY	1.97
290	-0.6328 GY	2.15
290	-0.4922 GY	2.34
290	-0.3516 GY	2.53
290	-0.2109 GY	2.71
290	-0.0703 GY	2.88
70	-0.0703 GY	0.12
70	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 67

70	-0.3516 GY	0.47
70	-0.4922 GY	0.66
70	-0.6328 GY	0.85
70	-0.7734 GY	1.03
70	-0.9141 GY	1.22
70	-1.0547 GY	1.41
70	-1.0547 GY	1.59
70	-0.9141 GY	1.78
70	-0.7734 GY	1.97
70	-0.6328 GY	2.15
70	-0.4922 GY	2.34
70	-0.3516 GY	2.52
70	-0.2109 GY	2.71
70	-0.0703 GY	2.87
289	-0.0703 GY	0.12
289	-0.2109 GY	0.29
289	-0.3516 GY	0.47
289	-0.4922 GY	0.66
289	-0.6328 GY	0.85
289	-0.7734 GY	1.03
289	-0.9141 GY	1.22
289	-1.0547 GY	1.41
289	-1.0547 GY	1.59
289	-0.9141 GY	1.78
289	-0.7734 GY	1.97
289	-0.6328 GY	2.15
289	-0.4922 GY	2.34
289	-0.3516 GY	2.53
289	-0.2109 GY	2.71
289	-0.0703 GY	2.88
67	-0.0703 GY	0.12
67	-0.2109 GY	0.29
67	-0.3516 GY	0.47
67	-0.4922 GY	0.66
67	-0.6328 GY	0.85
67	-0.7734 GY	1.03
67	-0.9141 GY	1.22
67	-1.0547 GY	1.41
67	-1.0547 GY	1.59
67	-0.9141 GY	1.78
67	-0.7734 GY	1.97
67	-0.6328 GY	2.15
67	-0.4922 GY	2.34
67	-0.3516 GY	2.53
67	-0.2109 GY	2.71
67	-0.0703 GY	2.88
317	-0.0703 GY	0.12
317	-0.2109 GY	0.29
317	-0.3516 GY	0.47
317	-0.4922 GY	0.66
317	-0.6328 GY	0.85
317	-0.7734 GY	1.03
317	-0.9141 GY	1.22
317	-1.0547 GY	1.41
317	-1.0547 GY	1.59
317	-0.9141 GY	1.78

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-- PAGE NO. 68

317	-0.7734 GY	1.97
317	-0.6328 GY	2.15
317	-0.4922 GY	2.34
317	-0.3516 GY	2.53
317	-0.2109 GY	2.71
317	-0.0703 GY	2.88
121	-0.0703 GY	0.12
121	-0.2109 GY	0.29
121	-0.3516 GY	0.47
121	-0.4922 GY	0.66
121	-0.6328 GY	0.85
121	-0.7734 GY	1.03
121	-0.9141 GY	1.22
121	-1.0547 GY	1.41
121	-1.0547 GY	1.59
121	-0.9141 GY	1.78
121	-0.7734 GY	1.97
121	-0.6328 GY	2.15
121	-0.4922 GY	2.34
121	-0.3516 GY	2.53
121	-0.2109 GY	2.71
121	-0.0703 GY	2.88
316	-0.0703 GY	0.12
316	-0.2109 GY	0.29
316	-0.3516 GY	0.47
316	-0.4922 GY	0.66
316	-0.6328 GY	0.85
316	-0.7734 GY	1.03
316	-0.9141 GY	1.22
316	-1.0547 GY	1.41
316	-1.0547 GY	1.59
316	-0.9141 GY	1.78
316	-0.7734 GY	1.97
316	-0.6328 GY	2.15
316	-0.4922 GY	2.34
316	-0.3516 GY	2.53
316	-0.2109 GY	2.71
316	-0.0703 GY	2.88
68	-0.0703 GY	0.12
68	-0.2109 GY	0.29
68	-0.3516 GY	0.47
68	-0.4922 GY	0.66
68	-0.6328 GY	0.85
68	-0.7734 GY	1.03
68	-0.9141 GY	1.22
68	-1.0547 GY	1.41
68	-1.0547 GY	1.59
68	-0.9141 GY	1.78
68	-0.7734 GY	1.97
68	-0.6328 GY	2.15
68	-0.4922 GY	2.34
68	-0.3516 GY	2.53
68	-0.2109 GY	2.71
68	-0.0703 GY	2.88
318	-0.0703 GY	0.12
318	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 69

318	-0.3516	GY	0.47
318	-0.4922	GY	0.66
318	-0.6328	GY	0.85
318	-0.7734	GY	1.03
318	-0.9141	GY	1.22
318	-1.0547	GY	1.41
318	-1.0547	GY	1.59
318	-0.9141	GY	1.78
318	-0.7734	GY	1.97
318	-0.6328	GY	2.15
318	-0.4922	GY	2.34
318	-0.3516	GY	2.53
318	-0.2109	GY	2.71
318	-0.0703	GY	2.88
122	-0.0703	GY	0.12
122	-0.2109	GY	0.29
122	-0.3516	GY	0.47
122	-0.4922	GY	0.66
122	-0.6328	GY	0.85
122	-0.7734	GY	1.03
122	-0.9141	GY	1.22
122	-1.0547	GY	1.41
122	-1.0547	GY	1.59
122	-0.9141	GY	1.78
122	-0.7734	GY	1.97
122	-0.6328	GY	2.15
122	-0.4922	GY	2.34
122	-0.3516	GY	2.53
122	-0.2109	GY	2.71
122	-0.0703	GY	2.88
317	-0.0703	GY	0.12
317	-0.2109	GY	0.29
317	-0.3516	GY	0.47
317	-0.4922	GY	0.66
317	-0.6328	GY	0.85
317	-0.7734	GY	1.03
317	-0.9141	GY	1.22
317	-1.0547	GY	1.41
317	-1.0547	GY	1.59
317	-0.9141	GY	1.78
317	-0.7734	GY	1.97
317	-0.6328	GY	2.15
317	-0.4922	GY	2.34
317	-0.3516	GY	2.53
317	-0.2109	GY	2.71
317	-0.0703	GY	2.88
69	-0.0703	GY	0.13
69	-0.2109	GY	0.29
69	-0.3516	GY	0.48
69	-0.4922	GY	0.66
69	-0.6328	GY	0.85
69	-0.7734	GY	1.03
69	-0.9141	GY	1.22
69	-1.0547	GY	1.41
69	-1.0547	GY	1.59
69	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 70

69	-0.7734 GY	1.97
69	-0.6328 GY	2.15
69	-0.4922 GY	2.34
69	-0.3516 GY	2.53
69	-0.2109 GY	2.71
69	-0.0703 GY	2.88
319	-0.0703 GY	0.12
319	-0.2109 GY	0.29
319	-0.3516 GY	0.47
319	-0.4922 GY	0.66
319	-0.6328 GY	0.85
319	-0.7734 GY	1.03
319	-0.9141 GY	1.22
319	-1.0547 GY	1.41
319	-1.0547 GY	1.59
319	-0.9141 GY	1.78
319	-0.7734 GY	1.97
319	-0.6328 GY	2.15
319	-0.4922 GY	2.34
319	-0.3516 GY	2.53
319	-0.2109 GY	2.71
319	-0.0703 GY	2.88
123	-0.0703 GY	0.13
123	-0.2109 GY	0.29
123	-0.3516 GY	0.48
123	-0.4922 GY	0.66
123	-0.6328 GY	0.85
123	-0.7734 GY	1.03
123	-0.9141 GY	1.22
123	-1.0547 GY	1.41
123	-1.0547 GY	1.59
123	-0.9141 GY	1.78
123	-0.7734 GY	1.97
123	-0.6328 GY	2.15
123	-0.4922 GY	2.34
123	-0.3516 GY	2.53
123	-0.2109 GY	2.71
123	-0.0703 GY	2.88
318	-0.0703 GY	0.12
318	-0.2109 GY	0.29
318	-0.3516 GY	0.47
318	-0.4922 GY	0.66
318	-0.6328 GY	0.85
318	-0.7734 GY	1.03
318	-0.9141 GY	1.22
318	-1.0547 GY	1.41
318	-1.0547 GY	1.59
318	-0.9141 GY	1.78
318	-0.7734 GY	1.97
318	-0.6328 GY	2.15
318	-0.4922 GY	2.34
318	-0.3516 GY	2.53
318	-0.2109 GY	2.71
318	-0.0703 GY	2.88
70	-0.0703 GY	0.12
70	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 71

70	-0.3516 GY	0.47
70	-0.4922 GY	0.66
70	-0.6328 GY	0.85
70	-0.7734 GY	1.03
70	-0.9141 GY	1.22
70	-1.0547 GY	1.41
70	-1.0547 GY	1.59
70	-0.9141 GY	1.78
70	-0.7734 GY	1.97
70	-0.6328 GY	2.15
70	-0.4922 GY	2.34
70	-0.3516 GY	2.52
70	-0.2109 GY	2.71
70	-0.0703 GY	2.87
320	-0.0703 GY	0.12
320	-0.2109 GY	0.29
320	-0.3516 GY	0.47
320	-0.4922 GY	0.66
320	-0.6328 GY	0.85
320	-0.7734 GY	1.03
320	-0.9141 GY	1.22
320	-1.0547 GY	1.41
320	-1.0547 GY	1.59
320	-0.9141 GY	1.78
320	-0.7734 GY	1.97
320	-0.6328 GY	2.15
320	-0.4922 GY	2.34
320	-0.3516 GY	2.53
320	-0.2109 GY	2.71
320	-0.0703 GY	2.88
124	-0.0703 GY	0.12
124	-0.2109 GY	0.29
124	-0.3516 GY	0.47
124	-0.4922 GY	0.66
124	-0.6328 GY	0.85
124	-0.7734 GY	1.03
124	-0.9141 GY	1.22
124	-1.0547 GY	1.41
124	-1.0547 GY	1.59
124	-0.9141 GY	1.78
124	-0.7734 GY	1.97
124	-0.6328 GY	2.15
124	-0.4922 GY	2.34
124	-0.3516 GY	2.52
124	-0.2109 GY	2.71
124	-0.0703 GY	2.87
319	-0.0703 GY	0.12
319	-0.2109 GY	0.29
319	-0.3516 GY	0.47
319	-0.4922 GY	0.66
319	-0.6328 GY	0.85
319	-0.7734 GY	1.03
319	-0.9141 GY	1.22
319	-1.0547 GY	1.41
319	-1.0547 GY	1.59
319	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 72

319	-0.7734 GY	1.97
319	-0.6328 GY	2.15
319	-0.4922 GY	2.34
319	-0.3516 GY	2.53
319	-0.2109 GY	2.71
319	-0.0703 GY	2.88
121	-0.0703 GY	0.12
121	-0.2109 GY	0.29
121	-0.3516 GY	0.47
121	-0.4922 GY	0.66
121	-0.6328 GY	0.85
121	-0.7734 GY	1.03
121	-0.9141 GY	1.22
121	-1.0547 GY	1.41
121	-1.0547 GY	1.59
121	-0.9141 GY	1.78
121	-0.7734 GY	1.97
121	-0.6328 GY	2.15
121	-0.4922 GY	2.34
121	-0.3516 GY	2.53
121	-0.2109 GY	2.71
121	-0.0703 GY	2.88
347	-0.0703 GY	0.13
347	-0.2109 GY	0.29
347	-0.3516 GY	0.48
347	-0.4922 GY	0.66
347	-0.6328 GY	0.85
347	-0.7734 GY	1.03
347	-0.9141 GY	1.22
347	-1.0547 GY	1.41
347	-1.0547 GY	1.59
347	-0.9141 GY	1.78
347	-0.7734 GY	1.97
347	-0.6328 GY	2.15
347	-0.4922 GY	2.34
347	-0.3516 GY	2.53
347	-0.2109 GY	2.71
347	-0.0703 GY	2.88
175	-0.0703 GY	0.12
175	-0.2109 GY	0.29
175	-0.3516 GY	0.47
175	-0.4922 GY	0.66
175	-0.6328 GY	0.85
175	-0.7734 GY	1.03
175	-0.9141 GY	1.22
175	-1.0547 GY	1.41
175	-1.0547 GY	1.59
175	-0.9141 GY	1.78
175	-0.7734 GY	1.97
175	-0.6328 GY	2.15
175	-0.4922 GY	2.34
175	-0.3516 GY	2.53
175	-0.2109 GY	2.71
175	-0.0703 GY	2.88
346	-0.0703 GY	0.13
346	-0.2109 GY	0.29



STAAD SPACE

-- PAGE NO. 73

346	-0.3516 GY	0.48
346	-0.4922 GY	0.66
346	-0.6328 GY	0.85
346	-0.7734 GY	1.03
346	-0.9141 GY	1.22
346	-1.0547 GY	1.41
346	-1.0547 GY	1.59
346	-0.9141 GY	1.78
346	-0.7734 GY	1.97
346	-0.6328 GY	2.15
346	-0.4922 GY	2.34
346	-0.3516 GY	2.53
346	-0.2109 GY	2.71
346	-0.0703 GY	2.88
122	-0.0703 GY	0.12
122	-0.2109 GY	0.29
122	-0.3516 GY	0.47
122	-0.4922 GY	0.66
122	-0.6328 GY	0.85
122	-0.7734 GY	1.03
122	-0.9141 GY	1.22
122	-1.0547 GY	1.41
122	-1.0547 GY	1.59
122	-0.9141 GY	1.78
122	-0.7734 GY	1.97
122	-0.6328 GY	2.15
122	-0.4922 GY	2.34
122	-0.3516 GY	2.53
122	-0.2109 GY	2.71
122	-0.0703 GY	2.88
348	-0.0703 GY	0.13
348	-0.2109 GY	0.29
348	-0.3516 GY	0.48
348	-0.4922 GY	0.66
348	-0.6328 GY	0.85
348	-0.7734 GY	1.03
348	-0.9141 GY	1.22
348	-1.0547 GY	1.41
348	-1.0547 GY	1.59
348	-0.9141 GY	1.78
348	-0.7734 GY	1.97
348	-0.6328 GY	2.15
348	-0.4922 GY	2.34
348	-0.3516 GY	2.53
348	-0.2109 GY	2.71
348	-0.0703 GY	2.88
176	-0.0703 GY	0.12
176	-0.2109 GY	0.29
176	-0.3516 GY	0.47
176	-0.4922 GY	0.66
176	-0.6328 GY	0.85
176	-0.7734 GY	1.03
176	-0.9141 GY	1.22
176	-1.0547 GY	1.41
176	-1.0547 GY	1.59
176	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 74

176	-0.7734 GY	1.97
176	-0.6328 GY	2.15
176	-0.4922 GY	2.34
176	-0.3516 GY	2.53
176	-0.2109 GY	2.71
176	-0.0703 GY	2.88
347	-0.0703 GY	0.13
347	-0.2109 GY	0.29
347	-0.3516 GY	0.48
347	-0.4922 GY	0.66
347	-0.6328 GY	0.85
347	-0.7734 GY	1.03
347	-0.9141 GY	1.22
347	-1.0547 GY	1.41
347	-1.0547 GY	1.59
347	-0.9141 GY	1.78
347	-0.7734 GY	1.97
347	-0.6328 GY	2.15
347	-0.4922 GY	2.34
347	-0.3516 GY	2.53
347	-0.2109 GY	2.71
347	-0.0703 GY	2.88
123	-0.0703 GY	0.13
123	-0.2109 GY	0.29
123	-0.3516 GY	0.48
123	-0.4922 GY	0.66
123	-0.6328 GY	0.85
123	-0.7734 GY	1.03
123	-0.9141 GY	1.22
123	-1.0547 GY	1.41
123	-1.0547 GY	1.59
123	-0.9141 GY	1.78
123	-0.7734 GY	1.97
123	-0.6328 GY	2.15
123	-0.4922 GY	2.34
123	-0.3516 GY	2.53
123	-0.2109 GY	2.71
123	-0.0703 GY	2.88
349	-0.0703 GY	0.13
349	-0.2109 GY	0.29
349	-0.3516 GY	0.48
349	-0.4922 GY	0.66
349	-0.6328 GY	0.85
349	-0.7734 GY	1.03
349	-0.9141 GY	1.22
349	-1.0547 GY	1.41
349	-1.0547 GY	1.59
349	-0.9141 GY	1.78
349	-0.7734 GY	1.97
349	-0.6328 GY	2.15
349	-0.4922 GY	2.34
349	-0.3516 GY	2.53
349	-0.2109 GY	2.71
349	-0.0703 GY	2.88
177	-0.0703 GY	0.13
177	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 75

177	-0.3516	GY	0.48
177	-0.4922	GY	0.66
177	-0.6328	GY	0.85
177	-0.7734	GY	1.03
177	-0.9141	GY	1.22
177	-1.0547	GY	1.41
177	-1.0547	GY	1.59
177	-0.9141	GY	1.78
177	-0.7734	GY	1.97
177	-0.6328	GY	2.15
177	-0.4922	GY	2.34
177	-0.3516	GY	2.53
177	-0.2109	GY	2.71
177	-0.0703	GY	2.88
348	-0.0703	GY	0.13
348	-0.2109	GY	0.29
348	-0.3516	GY	0.48
348	-0.4922	GY	0.66
348	-0.6328	GY	0.85
348	-0.7734	GY	1.03
348	-0.9141	GY	1.22
348	-1.0547	GY	1.41
348	-1.0547	GY	1.59
348	-0.9141	GY	1.78
348	-0.7734	GY	1.97
348	-0.6328	GY	2.15
348	-0.4922	GY	2.34
348	-0.3516	GY	2.53
348	-0.2109	GY	2.71
348	-0.0703	GY	2.88
124	-0.0703	GY	0.12
124	-0.2109	GY	0.29
124	-0.3516	GY	0.47
124	-0.4922	GY	0.66
124	-0.6328	GY	0.85
124	-0.7734	GY	1.03
124	-0.9141	GY	1.22
124	-1.0547	GY	1.41
124	-1.0547	GY	1.59
124	-0.9141	GY	1.78
124	-0.7734	GY	1.97
124	-0.6328	GY	2.15
124	-0.4922	GY	2.34
124	-0.3516	GY	2.52
124	-0.2109	GY	2.71
124	-0.0703	GY	2.87
350	-0.0703	GY	0.13
350	-0.2109	GY	0.29
350	-0.3516	GY	0.48
350	-0.4922	GY	0.66
350	-0.6328	GY	0.85
350	-0.7734	GY	1.03
350	-0.9141	GY	1.22
350	-1.0547	GY	1.41
350	-1.0547	GY	1.59
350	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 76

350	-0.7734 GY	1.97
350	-0.6328 GY	2.15
350	-0.4922 GY	2.34
350	-0.3516 GY	2.53
350	-0.2109 GY	2.71
350	-0.0703 GY	2.88
178	-0.0703 GY	0.12
178	-0.2109 GY	0.29
178	-0.3516 GY	0.47
178	-0.4922 GY	0.66
178	-0.6328 GY	0.85
178	-0.7734 GY	1.03
178	-0.9141 GY	1.22
178	-1.0547 GY	1.41
178	-1.0547 GY	1.59
178	-0.9141 GY	1.78
178	-0.7734 GY	1.97
178	-0.6328 GY	2.15
178	-0.4922 GY	2.34
178	-0.3516 GY	2.52
178	-0.2109 GY	2.71
178	-0.0703 GY	2.87
349	-0.0703 GY	0.13
349	-0.2109 GY	0.29
349	-0.3516 GY	0.48
349	-0.4922 GY	0.66
349	-0.6328 GY	0.85
349	-0.7734 GY	1.03
349	-0.9141 GY	1.22
349	-1.0547 GY	1.41
349	-1.0547 GY	1.59
349	-0.9141 GY	1.78
349	-0.7734 GY	1.97
349	-0.6328 GY	2.15
349	-0.4922 GY	2.34
349	-0.3516 GY	2.53
349	-0.2109 GY	2.71
349	-0.0703 GY	2.88
175	-0.0703 GY	0.12
175	-0.2109 GY	0.29
175	-0.3516 GY	0.47
175	-0.4922 GY	0.66
175	-0.6328 GY	0.85
175	-0.7734 GY	1.03
175	-0.9141 GY	1.22
175	-1.0547 GY	1.41
175	-1.0547 GY	1.59
175	-0.9141 GY	1.78
175	-0.7734 GY	1.97
175	-0.6328 GY	2.15
175	-0.4922 GY	2.34
175	-0.3516 GY	2.53
175	-0.2109 GY	2.71
175	-0.0703 GY	2.88
377	-0.0703 GY	0.12
377	-0.2109 GY	0.29

STAAD SPACE

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377	-0.3516 GY	0.47
377	-0.4922 GY	0.66
377	-0.6328 GY	0.85
377	-0.7734 GY	1.03
377	-0.9141 GY	1.22
377	-1.0547 GY	1.41
377	-1.0547 GY	1.59
377	-0.9141 GY	1.78
377	-0.7734 GY	1.97
377	-0.6328 GY	2.15
377	-0.4922 GY	2.34
377	-0.3516 GY	2.52
377	-0.2109 GY	2.71
377	-0.0703 GY	2.87
229	-0.0703 GY	0.12
229	-0.2109 GY	0.29
229	-0.3516 GY	0.47
229	-0.4922 GY	0.66
229	-0.6328 GY	0.85
229	-0.7734 GY	1.03
229	-0.9141 GY	1.22
229	-1.0547 GY	1.41
229	-1.0547 GY	1.59
229	-0.9141 GY	1.78
229	-0.7734 GY	1.97
229	-0.6328 GY	2.15
229	-0.4922 GY	2.34
229	-0.3516 GY	2.53
229	-0.2109 GY	2.71
229	-0.0703 GY	2.88
376	-0.0703 GY	0.12
376	-0.2109 GY	0.29
376	-0.3516 GY	0.47
376	-0.4922 GY	0.66
376	-0.6328 GY	0.85
376	-0.7734 GY	1.03
376	-0.9141 GY	1.22
376	-1.0547 GY	1.41
376	-1.0547 GY	1.59
376	-0.9141 GY	1.78
376	-0.7734 GY	1.97
376	-0.6328 GY	2.15
376	-0.4922 GY	2.34
376	-0.3516 GY	2.52
376	-0.2109 GY	2.71
376	-0.0703 GY	2.87
176	-0.0703 GY	0.12
176	-0.2109 GY	0.29
176	-0.3516 GY	0.47
176	-0.4922 GY	0.66
176	-0.6328 GY	0.85
176	-0.7734 GY	1.03
176	-0.9141 GY	1.22
176	-1.0547 GY	1.41
176	-1.0547 GY	1.59
176	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 78

176	-0.7734 GY	1.97
176	-0.6328 GY	2.15
176	-0.4922 GY	2.34
176	-0.3516 GY	2.53
176	-0.2109 GY	2.71
176	-0.0703 GY	2.88
378	-0.0703 GY	0.12
378	-0.2109 GY	0.29
378	-0.3516 GY	0.47
378	-0.4922 GY	0.66
378	-0.6328 GY	0.85
378	-0.7734 GY	1.03
378	-0.9141 GY	1.22
378	-1.0547 GY	1.41
378	-1.0547 GY	1.59
378	-0.9141 GY	1.78
378	-0.7734 GY	1.97
378	-0.6328 GY	2.15
378	-0.4922 GY	2.34
378	-0.3516 GY	2.52
378	-0.2109 GY	2.71
378	-0.0703 GY	2.87
230	-0.0703 GY	0.12
230	-0.2109 GY	0.29
230	-0.3516 GY	0.47
230	-0.4922 GY	0.66
230	-0.6328 GY	0.85
230	-0.7734 GY	1.03
230	-0.9141 GY	1.22
230	-1.0547 GY	1.41
230	-1.0547 GY	1.59
230	-0.9141 GY	1.78
230	-0.7734 GY	1.97
230	-0.6328 GY	2.15
230	-0.4922 GY	2.34
230	-0.3516 GY	2.53
230	-0.2109 GY	2.71
230	-0.0703 GY	2.88
377	-0.0703 GY	0.12
377	-0.2109 GY	0.29
377	-0.3516 GY	0.47
377	-0.4922 GY	0.66
377	-0.6328 GY	0.85
377	-0.7734 GY	1.03
377	-0.9141 GY	1.22
377	-1.0547 GY	1.41
377	-1.0547 GY	1.59
377	-0.9141 GY	1.78
377	-0.7734 GY	1.97
377	-0.6328 GY	2.15
377	-0.4922 GY	2.34
377	-0.3516 GY	2.52
377	-0.2109 GY	2.71
377	-0.0703 GY	2.87
177	-0.0703 GY	0.13
177	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 79

177	-0.3516 GY	0.48
177	-0.4922 GY	0.66
177	-0.6328 GY	0.85
177	-0.7734 GY	1.03
177	-0.9141 GY	1.22
177	-1.0547 GY	1.41
177	-1.0547 GY	1.59
177	-0.9141 GY	1.78
177	-0.7734 GY	1.97
177	-0.6328 GY	2.15
177	-0.4922 GY	2.34
177	-0.3516 GY	2.53
177	-0.2109 GY	2.71
177	-0.0703 GY	2.88
379	-0.0703 GY	0.12
379	-0.2109 GY	0.29
379	-0.3516 GY	0.47
379	-0.4922 GY	0.66
379	-0.6328 GY	0.85
379	-0.7734 GY	1.03
379	-0.9141 GY	1.22
379	-1.0547 GY	1.41
379	-1.0547 GY	1.59
379	-0.9141 GY	1.78
379	-0.7734 GY	1.97
379	-0.6328 GY	2.15
379	-0.4922 GY	2.34
379	-0.3516 GY	2.52
379	-0.2109 GY	2.71
379	-0.0703 GY	2.87
231	-0.0703 GY	0.13
231	-0.2109 GY	0.29
231	-0.3516 GY	0.48
231	-0.4922 GY	0.66
231	-0.6328 GY	0.85
231	-0.7734 GY	1.03
231	-0.9141 GY	1.22
231	-1.0547 GY	1.41
231	-1.0547 GY	1.59
231	-0.9141 GY	1.78
231	-0.7734 GY	1.97
231	-0.6328 GY	2.15
231	-0.4922 GY	2.34
231	-0.3516 GY	2.53
231	-0.2109 GY	2.71
231	-0.0703 GY	2.88
378	-0.0703 GY	0.12
378	-0.2109 GY	0.29
378	-0.3516 GY	0.47
378	-0.4922 GY	0.66
378	-0.6328 GY	0.85
378	-0.7734 GY	1.03
378	-0.9141 GY	1.22
378	-1.0547 GY	1.41
378	-1.0547 GY	1.59
378	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 80

378	-0.7734 GY	1.97
378	-0.6328 GY	2.15
378	-0.4922 GY	2.34
378	-0.3516 GY	2.52
378	-0.2109 GY	2.71
378	-0.0703 GY	2.87
178	-0.0703 GY	0.12
178	-0.2109 GY	0.29
178	-0.3516 GY	0.47
178	-0.4922 GY	0.66
178	-0.6328 GY	0.85
178	-0.7734 GY	1.03
178	-0.9141 GY	1.22
178	-1.0547 GY	1.41
178	-1.0547 GY	1.59
178	-0.9141 GY	1.78
178	-0.7734 GY	1.97
178	-0.6328 GY	2.15
178	-0.4922 GY	2.34
178	-0.3516 GY	2.52
178	-0.2109 GY	2.71
178	-0.0703 GY	2.87
380	-0.0703 GY	0.12
380	-0.2109 GY	0.29
380	-0.3516 GY	0.47
380	-0.4922 GY	0.66
380	-0.6328 GY	0.85
380	-0.7734 GY	1.03
380	-0.9141 GY	1.22
380	-1.0547 GY	1.41
380	-1.0547 GY	1.59
380	-0.9141 GY	1.78
380	-0.7734 GY	1.97
380	-0.6328 GY	2.15
380	-0.4922 GY	2.34
380	-0.3516 GY	2.52
380	-0.2109 GY	2.71
380	-0.0703 GY	2.87
232	-0.0703 GY	0.12
232	-0.2109 GY	0.29
232	-0.3516 GY	0.47
232	-0.4922 GY	0.66
232	-0.6328 GY	0.85
232	-0.7734 GY	1.03
232	-0.9141 GY	1.22
232	-1.0547 GY	1.41
232	-1.0547 GY	1.59
232	-0.9141 GY	1.78
232	-0.7734 GY	1.97
232	-0.6328 GY	2.15
232	-0.4922 GY	2.34
232	-0.3516 GY	2.52
232	-0.2109 GY	2.71
232	-0.0703 GY	2.87
379	-0.0703 GY	0.12
379	-0.2109 GY	0.29



STAAD SPACE

-- PAGE NO. 81

379	-0.3516	GY	0.47
379	-0.4922	GY	0.66
379	-0.6328	GY	0.85
379	-0.7734	GY	1.03
379	-0.9141	GY	1.22
379	-1.0547	GY	1.41
379	-1.0547	GY	1.59
379	-0.9141	GY	1.78
379	-0.7734	GY	1.97
379	-0.6328	GY	2.15
379	-0.4922	GY	2.34
379	-0.3516	GY	2.52
379	-0.2109	GY	2.71
379	-0.0703	GY	2.87
17	-0.0703	GY	0.12
17	-0.2109	GY	0.29
17	-0.3516	GY	0.47
17	-0.4922	GY	0.66
17	-0.6328	GY	0.85
17	-0.7734	GY	1.03
17	-0.9141	GY	1.22
17	-1.0547	GY	1.41
17	-1.0547	GY	1.59
17	-0.9141	GY	1.78
17	-0.7734	GY	1.97
17	-0.6328	GY	2.15
17	-0.4922	GY	2.34
17	-0.3516	GY	2.53
17	-0.2109	GY	2.71
17	-0.0703	GY	2.88
292	-0.0703	GY	0.12
292	-0.2109	GY	0.29
292	-0.3516	GY	0.47
292	-0.4922	GY	0.66
292	-0.6328	GY	0.85
292	-0.7734	GY	1.03
292	-0.9141	GY	1.22
292	-1.0547	GY	1.41
292	-1.0547	GY	1.59
292	-0.9141	GY	1.78
292	-0.7734	GY	1.97
292	-0.6328	GY	2.15
292	-0.4922	GY	2.34
292	-0.3516	GY	2.53
292	-0.2109	GY	2.71
292	-0.0703	GY	2.88
71	-0.0703	GY	0.12
71	-0.2109	GY	0.29
71	-0.3516	GY	0.47
71	-0.4922	GY	0.66
71	-0.6328	GY	0.85
71	-0.7734	GY	1.03
71	-0.9141	GY	1.22
71	-1.0547	GY	1.41
71	-1.0547	GY	1.59
71	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 82

71	-0.7734 GY	1.97
71	-0.6328 GY	2.15
71	-0.4922 GY	2.34
71	-0.3516 GY	2.53
71	-0.2109 GY	2.71
71	-0.0703 GY	2.88
291	-0.0703 GY	0.12
291	-0.2109 GY	0.29
291	-0.3516 GY	0.47
291	-0.4922 GY	0.66
291	-0.6328 GY	0.85
291	-0.7734 GY	1.03
291	-0.9141 GY	1.22
291	-1.0547 GY	1.41
291	-1.0547 GY	1.59
291	-0.9141 GY	1.78
291	-0.7734 GY	1.97
291	-0.6328 GY	2.15
291	-0.4922 GY	2.34
291	-0.3516 GY	2.53
291	-0.2109 GY	2.71
291	-0.0703 GY	2.88
18	-0.0703 GY	0.12
18	-0.2109 GY	0.29
18	-0.3516 GY	0.47
18	-0.4922 GY	0.66
18	-0.6328 GY	0.85
18	-0.7734 GY	1.03
18	-0.9141 GY	1.22
18	-1.0547 GY	1.41
18	-1.0547 GY	1.59
18	-0.9141 GY	1.78
18	-0.7734 GY	1.97
18	-0.6328 GY	2.15
18	-0.4922 GY	2.34
18	-0.3516 GY	2.53
18	-0.2109 GY	2.71
18	-0.0703 GY	2.88
293	-0.0703 GY	0.12
293	-0.2109 GY	0.29
293	-0.3516 GY	0.47
293	-0.4922 GY	0.66
293	-0.6328 GY	0.85
293	-0.7734 GY	1.03
293	-0.9141 GY	1.22
293	-1.0547 GY	1.41
293	-1.0547 GY	1.59
293	-0.9141 GY	1.78
293	-0.7734 GY	1.97
293	-0.6328 GY	2.15
293	-0.4922 GY	2.34
293	-0.3516 GY	2.53
293	-0.2109 GY	2.71
293	-0.0703 GY	2.88
72	-0.0703 GY	0.12
72	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 83

72	-0.3516 GY	0.47
72	-0.4922 GY	0.66
72	-0.6328 GY	0.85
72	-0.7734 GY	1.03
72	-0.9141 GY	1.22
72	-1.0547 GY	1.41
72	-1.0547 GY	1.59
72	-0.9141 GY	1.78
72	-0.7734 GY	1.97
72	-0.6328 GY	2.15
72	-0.4922 GY	2.34
72	-0.3516 GY	2.53
72	-0.2109 GY	2.71
72	-0.0703 GY	2.88
292	-0.0703 GY	0.12
292	-0.2109 GY	0.29
292	-0.3516 GY	0.47
292	-0.4922 GY	0.66
292	-0.6328 GY	0.85
292	-0.7734 GY	1.03
292	-0.9141 GY	1.22
292	-1.0547 GY	1.41
292	-1.0547 GY	1.59
292	-0.9141 GY	1.78
292	-0.7734 GY	1.97
292	-0.6328 GY	2.15
292	-0.4922 GY	2.34
292	-0.3516 GY	2.53
292	-0.2109 GY	2.71
292	-0.0703 GY	2.88
19	-0.0703 GY	0.13
19	-0.2109 GY	0.29
19	-0.3516 GY	0.48
19	-0.4922 GY	0.66
19	-0.6328 GY	0.85
19	-0.7734 GY	1.03
19	-0.9141 GY	1.22
19	-1.0547 GY	1.41
19	-1.0547 GY	1.59
19	-0.9141 GY	1.78
19	-0.7734 GY	1.97
19	-0.6328 GY	2.15
19	-0.4922 GY	2.34
19	-0.3516 GY	2.53
19	-0.2109 GY	2.71
19	-0.0703 GY	2.88
294	-0.0703 GY	0.12
294	-0.2109 GY	0.29
294	-0.3516 GY	0.47
294	-0.4922 GY	0.66
294	-0.6328 GY	0.85
294	-0.7734 GY	1.03
294	-0.9141 GY	1.22
294	-1.0547 GY	1.41
294	-1.0547 GY	1.59
294	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 84

294	-0.7734 GY	1.97
294	-0.6328 GY	2.15
294	-0.4922 GY	2.34
294	-0.3516 GY	2.53
294	-0.2109 GY	2.71
294	-0.0703 GY	2.88
73	-0.0703 GY	0.13
73	-0.2109 GY	0.29
73	-0.3516 GY	0.48
73	-0.4922 GY	0.66
73	-0.6328 GY	0.85
73	-0.7734 GY	1.03
73	-0.9141 GY	1.22
73	-1.0547 GY	1.41
73	-1.0547 GY	1.59
73	-0.9141 GY	1.78
73	-0.7734 GY	1.97
73	-0.6328 GY	2.15
73	-0.4922 GY	2.34
73	-0.3516 GY	2.53
73	-0.2109 GY	2.71
73	-0.0703 GY	2.88
293	-0.0703 GY	0.12
293	-0.2109 GY	0.29
293	-0.3516 GY	0.47
293	-0.4922 GY	0.66
293	-0.6328 GY	0.85
293	-0.7734 GY	1.03
293	-0.9141 GY	1.22
293	-1.0547 GY	1.41
293	-1.0547 GY	1.59
293	-0.9141 GY	1.78
293	-0.7734 GY	1.97
293	-0.6328 GY	2.15
293	-0.4922 GY	2.34
293	-0.3516 GY	2.53
293	-0.2109 GY	2.71
293	-0.0703 GY	2.88
20	-0.0703 GY	0.12
20	-0.2109 GY	0.29
20	-0.3516 GY	0.47
20	-0.4922 GY	0.66
20	-0.6328 GY	0.85
20	-0.7734 GY	1.03
20	-0.9141 GY	1.22
20	-1.0547 GY	1.41
20	-1.0547 GY	1.59
20	-0.9141 GY	1.78
20	-0.7734 GY	1.97
20	-0.6328 GY	2.15
20	-0.4922 GY	2.34
20	-0.3516 GY	2.52
20	-0.2109 GY	2.71
20	-0.0703 GY	2.87
295	-0.0703 GY	0.12
295	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 85

295	-0.3516	GY	0.47
295	-0.4922	GY	0.66
295	-0.6328	GY	0.85
295	-0.7734	GY	1.03
295	-0.9141	GY	1.22
295	-1.0547	GY	1.41
295	-1.0547	GY	1.59
295	-0.9141	GY	1.78
295	-0.7734	GY	1.97
295	-0.6328	GY	2.15
295	-0.4922	GY	2.34
295	-0.3516	GY	2.53
295	-0.2109	GY	2.71
295	-0.0703	GY	2.88
74	-0.0703	GY	0.12
74	-0.2109	GY	0.29
74	-0.3516	GY	0.47
74	-0.4922	GY	0.66
74	-0.6328	GY	0.85
74	-0.7734	GY	1.03
74	-0.9141	GY	1.22
74	-1.0547	GY	1.41
74	-1.0547	GY	1.59
74	-0.9141	GY	1.78
74	-0.7734	GY	1.97
74	-0.6328	GY	2.15
74	-0.4922	GY	2.34
74	-0.3516	GY	2.52
74	-0.2109	GY	2.71
74	-0.0703	GY	2.87
294	-0.0703	GY	0.12
294	-0.2109	GY	0.29
294	-0.3516	GY	0.47
294	-0.4922	GY	0.66
294	-0.6328	GY	0.85
294	-0.7734	GY	1.03
294	-0.9141	GY	1.22
294	-1.0547	GY	1.41
294	-1.0547	GY	1.59
294	-0.9141	GY	1.78
294	-0.7734	GY	1.97
294	-0.6328	GY	2.15
294	-0.4922	GY	2.34
294	-0.3516	GY	2.53
294	-0.2109	GY	2.71
294	-0.0703	GY	2.88
71	-0.0703	GY	0.12
71	-0.2109	GY	0.29
71	-0.3516	GY	0.47
71	-0.4922	GY	0.66
71	-0.6328	GY	0.85
71	-0.7734	GY	1.03
71	-0.9141	GY	1.22
71	-1.0547	GY	1.41
71	-1.0547	GY	1.59
71	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 86

71	-0.7734 GY	1.97
71	-0.6328 GY	2.15
71	-0.4922 GY	2.34
71	-0.3516 GY	2.53
71	-0.2109 GY	2.71
71	-0.0703 GY	2.88
322	-0.0703 GY	0.12
322	-0.2109 GY	0.29
322	-0.3516 GY	0.47
322	-0.4922 GY	0.66
322	-0.6328 GY	0.85
322	-0.7734 GY	1.03
322	-0.9141 GY	1.22
322	-1.0547 GY	1.41
322	-1.0547 GY	1.59
322	-0.9141 GY	1.78
322	-0.7734 GY	1.97
322	-0.6328 GY	2.15
322	-0.4922 GY	2.34
322	-0.3516 GY	2.53
322	-0.2109 GY	2.71
322	-0.0703 GY	2.88
125	-0.0703 GY	0.12
125	-0.2109 GY	0.29
125	-0.3516 GY	0.47
125	-0.4922 GY	0.66
125	-0.6328 GY	0.85
125	-0.7734 GY	1.03
125	-0.9141 GY	1.22
125	-1.0547 GY	1.41
125	-1.0547 GY	1.59
125	-0.9141 GY	1.78
125	-0.7734 GY	1.97
125	-0.6328 GY	2.15
125	-0.4922 GY	2.34
125	-0.3516 GY	2.53
125	-0.2109 GY	2.71
125	-0.0703 GY	2.88
321	-0.0703 GY	0.12
321	-0.2109 GY	0.29
321	-0.3516 GY	0.47
321	-0.4922 GY	0.66
321	-0.6328 GY	0.85
321	-0.7734 GY	1.03
321	-0.9141 GY	1.22
321	-1.0547 GY	1.41
321	-1.0547 GY	1.59
321	-0.9141 GY	1.78
321	-0.7734 GY	1.97
321	-0.6328 GY	2.15
321	-0.4922 GY	2.34
321	-0.3516 GY	2.53
321	-0.2109 GY	2.71
321	-0.0703 GY	2.88
72	-0.0703 GY	0.12
72	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 87

72	-0.3516	GY	0.47
72	-0.4922	GY	0.66
72	-0.6328	GY	0.85
72	-0.7734	GY	1.03
72	-0.9141	GY	1.22
72	-1.0547	GY	1.41
72	-1.0547	GY	1.59
72	-0.9141	GY	1.78
72	-0.7734	GY	1.97
72	-0.6328	GY	2.15
72	-0.4922	GY	2.34
72	-0.3516	GY	2.53
72	-0.2109	GY	2.71
72	-0.0703	GY	2.88
323	-0.0703	GY	0.12
323	-0.2109	GY	0.29
323	-0.3516	GY	0.47
323	-0.4922	GY	0.66
323	-0.6328	GY	0.85
323	-0.7734	GY	1.03
323	-0.9141	GY	1.22
323	-1.0547	GY	1.41
323	-1.0547	GY	1.59
323	-0.9141	GY	1.78
323	-0.7734	GY	1.97
323	-0.6328	GY	2.15
323	-0.4922	GY	2.34
323	-0.3516	GY	2.53
323	-0.2109	GY	2.71
323	-0.0703	GY	2.88
126	-0.0703	GY	0.12
126	-0.2109	GY	0.29
126	-0.3516	GY	0.47
126	-0.4922	GY	0.66
126	-0.6328	GY	0.85
126	-0.7734	GY	1.03
126	-0.9141	GY	1.22
126	-1.0547	GY	1.41
126	-1.0547	GY	1.59
126	-0.9141	GY	1.78
126	-0.7734	GY	1.97
126	-0.6328	GY	2.15
126	-0.4922	GY	2.34
126	-0.3516	GY	2.53
126	-0.2109	GY	2.71
126	-0.0703	GY	2.88
322	-0.0703	GY	0.12
322	-0.2109	GY	0.29
322	-0.3516	GY	0.47
322	-0.4922	GY	0.66
322	-0.6328	GY	0.85
322	-0.7734	GY	1.03
322	-0.9141	GY	1.22
322	-1.0547	GY	1.41
322	-1.0547	GY	1.59
322	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 88

322	-0.7734 GY	1.97
322	-0.6328 GY	2.15
322	-0.4922 GY	2.34
322	-0.3516 GY	2.53
322	-0.2109 GY	2.71
322	-0.0703 GY	2.88
73	-0.0703 GY	0.13
73	-0.2109 GY	0.29
73	-0.3516 GY	0.48
73	-0.4922 GY	0.66
73	-0.6328 GY	0.85
73	-0.7734 GY	1.03
73	-0.9141 GY	1.22
73	-1.0547 GY	1.41
73	-1.0547 GY	1.59
73	-0.9141 GY	1.78
73	-0.7734 GY	1.97
73	-0.6328 GY	2.15
73	-0.4922 GY	2.34
73	-0.3516 GY	2.53
73	-0.2109 GY	2.71
73	-0.0703 GY	2.88
324	-0.0703 GY	0.12
324	-0.2109 GY	0.29
324	-0.3516 GY	0.47
324	-0.4922 GY	0.66
324	-0.6328 GY	0.85
324	-0.7734 GY	1.03
324	-0.9141 GY	1.22
324	-1.0547 GY	1.41
324	-1.0547 GY	1.59
324	-0.9141 GY	1.78
324	-0.7734 GY	1.97
324	-0.6328 GY	2.15
324	-0.4922 GY	2.34
324	-0.3516 GY	2.53
324	-0.2109 GY	2.71
324	-0.0703 GY	2.88
127	-0.0703 GY	0.13
127	-0.2109 GY	0.29
127	-0.3516 GY	0.48
127	-0.4922 GY	0.66
127	-0.6328 GY	0.85
127	-0.7734 GY	1.03
127	-0.9141 GY	1.22
127	-1.0547 GY	1.41
127	-1.0547 GY	1.59
127	-0.9141 GY	1.78
127	-0.7734 GY	1.97
127	-0.6328 GY	2.15
127	-0.4922 GY	2.34
127	-0.3516 GY	2.53
127	-0.2109 GY	2.71
127	-0.0703 GY	2.88
323	-0.0703 GY	0.12
323	-0.2109 GY	0.29



STAAD SPACE

-- PAGE NO. 89

323	-0.3516 GY	0.47
323	-0.4922 GY	0.66
323	-0.6328 GY	0.85
323	-0.7734 GY	1.03
323	-0.9141 GY	1.22
323	-1.0547 GY	1.41
323	-1.0547 GY	1.59
323	-0.9141 GY	1.78
323	-0.7734 GY	1.97
323	-0.6328 GY	2.15
323	-0.4922 GY	2.34
323	-0.3516 GY	2.53
323	-0.2109 GY	2.71
323	-0.0703 GY	2.88
74	-0.0703 GY	0.12
74	-0.2109 GY	0.29
74	-0.3516 GY	0.47
74	-0.4922 GY	0.66
74	-0.6328 GY	0.85
74	-0.7734 GY	1.03
74	-0.9141 GY	1.22
74	-1.0547 GY	1.41
74	-1.0547 GY	1.59
74	-0.9141 GY	1.78
74	-0.7734 GY	1.97
74	-0.6328 GY	2.15
74	-0.4922 GY	2.34
74	-0.3516 GY	2.52
74	-0.2109 GY	2.71
74	-0.0703 GY	2.87
325	-0.0703 GY	0.12
325	-0.2109 GY	0.29
325	-0.3516 GY	0.47
325	-0.4922 GY	0.66
325	-0.6328 GY	0.85
325	-0.7734 GY	1.03
325	-0.9141 GY	1.22
325	-1.0547 GY	1.41
325	-1.0547 GY	1.59
325	-0.9141 GY	1.78
325	-0.7734 GY	1.97
325	-0.6328 GY	2.15
325	-0.4922 GY	2.34
325	-0.3516 GY	2.53
325	-0.2109 GY	2.71
325	-0.0703 GY	2.88
128	-0.0703 GY	0.12
128	-0.2109 GY	0.29
128	-0.3516 GY	0.47
128	-0.4922 GY	0.66
128	-0.6328 GY	0.85
128	-0.7734 GY	1.03
128	-0.9141 GY	1.22
128	-1.0547 GY	1.41
128	-1.0547 GY	1.59
128	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 90

128	-0.7734 GY	1.97
128	-0.6328 GY	2.15
128	-0.4922 GY	2.34
128	-0.3516 GY	2.52
128	-0.2109 GY	2.71
128	-0.0703 GY	2.87
324	-0.0703 GY	0.12
324	-0.2109 GY	0.29
324	-0.3516 GY	0.47
324	-0.4922 GY	0.66
324	-0.6328 GY	0.85
324	-0.7734 GY	1.03
324	-0.9141 GY	1.22
324	-1.0547 GY	1.41
324	-1.0547 GY	1.59
324	-0.9141 GY	1.78
324	-0.7734 GY	1.97
324	-0.6328 GY	2.15
324	-0.4922 GY	2.34
324	-0.3516 GY	2.53
324	-0.2109 GY	2.71
324	-0.0703 GY	2.88
125	-0.0703 GY	0.12
125	-0.2109 GY	0.29
125	-0.3516 GY	0.47
125	-0.4922 GY	0.66
125	-0.6328 GY	0.85
125	-0.7734 GY	1.03
125	-0.9141 GY	1.22
125	-1.0547 GY	1.41
125	-1.0547 GY	1.59
125	-0.9141 GY	1.78
125	-0.7734 GY	1.97
125	-0.6328 GY	2.15
125	-0.4922 GY	2.34
125	-0.3516 GY	2.53
125	-0.2109 GY	2.71
125	-0.0703 GY	2.88
352	-0.0703 GY	0.13
352	-0.2109 GY	0.29
352	-0.3516 GY	0.48
352	-0.4922 GY	0.66
352	-0.6328 GY	0.85
352	-0.7734 GY	1.03
352	-0.9141 GY	1.22
352	-1.0547 GY	1.41
352	-1.0547 GY	1.59
352	-0.9141 GY	1.78
352	-0.7734 GY	1.97
352	-0.6328 GY	2.15
352	-0.4922 GY	2.34
352	-0.3516 GY	2.53
352	-0.2109 GY	2.71
352	-0.0703 GY	2.88
179	-0.0703 GY	0.12
179	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 91

179	-0.3516	GY	0.47
179	-0.4922	GY	0.66
179	-0.6328	GY	0.85
179	-0.7734	GY	1.03
179	-0.9141	GY	1.22
179	-1.0547	GY	1.41
179	-1.0547	GY	1.59
179	-0.9141	GY	1.78
179	-0.7734	GY	1.97
179	-0.6328	GY	2.15
179	-0.4922	GY	2.34
179	-0.3516	GY	2.53
179	-0.2109	GY	2.71
179	-0.0703	GY	2.88
351	-0.0703	GY	0.13
351	-0.2109	GY	0.29
351	-0.3516	GY	0.48
351	-0.4922	GY	0.66
351	-0.6328	GY	0.85
351	-0.7734	GY	1.03
351	-0.9141	GY	1.22
351	-1.0547	GY	1.41
351	-1.0547	GY	1.59
351	-0.9141	GY	1.78
351	-0.7734	GY	1.97
351	-0.6328	GY	2.15
351	-0.4922	GY	2.34
351	-0.3516	GY	2.53
351	-0.2109	GY	2.71
351	-0.0703	GY	2.88
126	-0.0703	GY	0.12
126	-0.2109	GY	0.29
126	-0.3516	GY	0.47
126	-0.4922	GY	0.66
126	-0.6328	GY	0.85
126	-0.7734	GY	1.03
126	-0.9141	GY	1.22
126	-1.0547	GY	1.41
126	-1.0547	GY	1.59
126	-0.9141	GY	1.78
126	-0.7734	GY	1.97
126	-0.6328	GY	2.15
126	-0.4922	GY	2.34
126	-0.3516	GY	2.53
126	-0.2109	GY	2.71
126	-0.0703	GY	2.88
353	-0.0703	GY	0.13
353	-0.2109	GY	0.29
353	-0.3516	GY	0.48
353	-0.4922	GY	0.66
353	-0.6328	GY	0.85
353	-0.7734	GY	1.03
353	-0.9141	GY	1.22
353	-1.0547	GY	1.41
353	-1.0547	GY	1.59
353	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 92

353	-0.7734 GY	1.97
353	-0.6328 GY	2.15
353	-0.4922 GY	2.34
353	-0.3516 GY	2.53
353	-0.2109 GY	2.71
353	-0.0703 GY	2.88
180	-0.0703 GY	0.12
180	-0.2109 GY	0.29
180	-0.3516 GY	0.47
180	-0.4922 GY	0.66
180	-0.6328 GY	0.85
180	-0.7734 GY	1.03
180	-0.9141 GY	1.22
180	-1.0547 GY	1.41
180	-1.0547 GY	1.59
180	-0.9141 GY	1.78
180	-0.7734 GY	1.97
180	-0.6328 GY	2.15
180	-0.4922 GY	2.34
180	-0.3516 GY	2.53
180	-0.2109 GY	2.71
180	-0.0703 GY	2.88
352	-0.0703 GY	0.13
352	-0.2109 GY	0.29
352	-0.3516 GY	0.48
352	-0.4922 GY	0.66
352	-0.6328 GY	0.85
352	-0.7734 GY	1.03
352	-0.9141 GY	1.22
352	-1.0547 GY	1.41
352	-1.0547 GY	1.59
352	-0.9141 GY	1.78
352	-0.7734 GY	1.97
352	-0.6328 GY	2.15
352	-0.4922 GY	2.34
352	-0.3516 GY	2.53
352	-0.2109 GY	2.71
352	-0.0703 GY	2.88
127	-0.0703 GY	0.13
127	-0.2109 GY	0.29
127	-0.3516 GY	0.48
127	-0.4922 GY	0.66
127	-0.6328 GY	0.85
127	-0.7734 GY	1.03
127	-0.9141 GY	1.22
127	-1.0547 GY	1.41
127	-1.0547 GY	1.59
127	-0.9141 GY	1.78
127	-0.7734 GY	1.97
127	-0.6328 GY	2.15
127	-0.4922 GY	2.34
127	-0.3516 GY	2.53
127	-0.2109 GY	2.71
127	-0.0703 GY	2.88
354	-0.0703 GY	0.13
354	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 93

354	-0.3516 GY	0.48
354	-0.4922 GY	0.66
354	-0.6328 GY	0.85
354	-0.7734 GY	1.03
354	-0.9141 GY	1.22
354	-1.0547 GY	1.41
354	-1.0547 GY	1.59
354	-0.9141 GY	1.78
354	-0.7734 GY	1.97
354	-0.6328 GY	2.15
354	-0.4922 GY	2.34
354	-0.3516 GY	2.53
354	-0.2109 GY	2.71
354	-0.0703 GY	2.88
181	-0.0703 GY	0.13
181	-0.2109 GY	0.29
181	-0.3516 GY	0.48
181	-0.4922 GY	0.66
181	-0.6328 GY	0.85
181	-0.7734 GY	1.03
181	-0.9141 GY	1.22
181	-1.0547 GY	1.41
181	-1.0547 GY	1.59
181	-0.9141 GY	1.78
181	-0.7734 GY	1.97
181	-0.6328 GY	2.15
181	-0.4922 GY	2.34
181	-0.3516 GY	2.53
181	-0.2109 GY	2.71
181	-0.0703 GY	2.88
353	-0.0703 GY	0.13
353	-0.2109 GY	0.29
353	-0.3516 GY	0.48
353	-0.4922 GY	0.66
353	-0.6328 GY	0.85
353	-0.7734 GY	1.03
353	-0.9141 GY	1.22
353	-1.0547 GY	1.41
353	-1.0547 GY	1.59
353	-0.9141 GY	1.78
353	-0.7734 GY	1.97
353	-0.6328 GY	2.15
353	-0.4922 GY	2.34
353	-0.3516 GY	2.53
353	-0.2109 GY	2.71
353	-0.0703 GY	2.88
128	-0.0703 GY	0.12
128	-0.2109 GY	0.29
128	-0.3516 GY	0.47
128	-0.4922 GY	0.66
128	-0.6328 GY	0.85
128	-0.7734 GY	1.03
128	-0.9141 GY	1.22
128	-1.0547 GY	1.41
128	-1.0547 GY	1.59
128	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 94

128	-0.7734 GY	1.97
128	-0.6328 GY	2.15
128	-0.4922 GY	2.34
128	-0.3516 GY	2.52
128	-0.2109 GY	2.71
128	-0.0703 GY	2.87
355	-0.0703 GY	0.13
355	-0.2109 GY	0.29
355	-0.3516 GY	0.48
355	-0.4922 GY	0.66
355	-0.6328 GY	0.85
355	-0.7734 GY	1.03
355	-0.9141 GY	1.22
355	-1.0547 GY	1.41
355	-1.0547 GY	1.59
355	-0.9141 GY	1.78
355	-0.7734 GY	1.97
355	-0.6328 GY	2.15
355	-0.4922 GY	2.34
355	-0.3516 GY	2.53
355	-0.2109 GY	2.71
355	-0.0703 GY	2.88
182	-0.0703 GY	0.12
182	-0.2109 GY	0.29
182	-0.3516 GY	0.47
182	-0.4922 GY	0.66
182	-0.6328 GY	0.85
182	-0.7734 GY	1.03
182	-0.9141 GY	1.22
182	-1.0547 GY	1.41
182	-1.0547 GY	1.59
182	-0.9141 GY	1.78
182	-0.7734 GY	1.97
182	-0.6328 GY	2.15
182	-0.4922 GY	2.34
182	-0.3516 GY	2.52
182	-0.2109 GY	2.71
182	-0.0703 GY	2.87
354	-0.0703 GY	0.13
354	-0.2109 GY	0.29
354	-0.3516 GY	0.48
354	-0.4922 GY	0.66
354	-0.6328 GY	0.85
354	-0.7734 GY	1.03
354	-0.9141 GY	1.22
354	-1.0547 GY	1.41
354	-1.0547 GY	1.59
354	-0.9141 GY	1.78
354	-0.7734 GY	1.97
354	-0.6328 GY	2.15
354	-0.4922 GY	2.34
354	-0.3516 GY	2.53
354	-0.2109 GY	2.71
354	-0.0703 GY	2.88
179	-0.0703 GY	0.12
179	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 95

179	-0.3516 GY	0.47
179	-0.4922 GY	0.66
179	-0.6328 GY	0.85
179	-0.7734 GY	1.03
179	-0.9141 GY	1.22
179	-1.0547 GY	1.41
179	-1.0547 GY	1.59
179	-0.9141 GY	1.78
179	-0.7734 GY	1.97
179	-0.6328 GY	2.15
179	-0.4922 GY	2.34
179	-0.3516 GY	2.53
179	-0.2109 GY	2.71
179	-0.0703 GY	2.88
382	-0.0703 GY	0.12
382	-0.2109 GY	0.29
382	-0.3516 GY	0.47
382	-0.4922 GY	0.66
382	-0.6328 GY	0.85
382	-0.7734 GY	1.03
382	-0.9141 GY	1.22
382	-1.0547 GY	1.41
382	-1.0547 GY	1.59
382	-0.9141 GY	1.78
382	-0.7734 GY	1.97
382	-0.6328 GY	2.15
382	-0.4922 GY	2.34
382	-0.3516 GY	2.52
382	-0.2109 GY	2.71
382	-0.0703 GY	2.87
233	-0.0703 GY	0.12
233	-0.2109 GY	0.29
233	-0.3516 GY	0.47
233	-0.4922 GY	0.66
233	-0.6328 GY	0.85
233	-0.7734 GY	1.03
233	-0.9141 GY	1.22
233	-1.0547 GY	1.41
233	-1.0547 GY	1.59
233	-0.9141 GY	1.78
233	-0.7734 GY	1.97
233	-0.6328 GY	2.15
233	-0.4922 GY	2.34
233	-0.3516 GY	2.53
233	-0.2109 GY	2.71
233	-0.0703 GY	2.88
381	-0.0703 GY	0.12
381	-0.2109 GY	0.29
381	-0.3516 GY	0.47
381	-0.4922 GY	0.66
381	-0.6328 GY	0.85
381	-0.7734 GY	1.03
381	-0.9141 GY	1.22
381	-1.0547 GY	1.41
381	-1.0547 GY	1.59
381	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 96

381	-0.7734 GY	1.97
381	-0.6328 GY	2.15
381	-0.4922 GY	2.34
381	-0.3516 GY	2.52
381	-0.2109 GY	2.71
381	-0.0703 GY	2.87
180	-0.0703 GY	0.12
180	-0.2109 GY	0.29
180	-0.3516 GY	0.47
180	-0.4922 GY	0.66
180	-0.6328 GY	0.85
180	-0.7734 GY	1.03
180	-0.9141 GY	1.22
180	-1.0547 GY	1.41
180	-1.0547 GY	1.59
180	-0.9141 GY	1.78
180	-0.7734 GY	1.97
180	-0.6328 GY	2.15
180	-0.4922 GY	2.34
180	-0.3516 GY	2.53
180	-0.2109 GY	2.71
180	-0.0703 GY	2.88
383	-0.0703 GY	0.12
383	-0.2109 GY	0.29
383	-0.3516 GY	0.47
383	-0.4922 GY	0.66
383	-0.6328 GY	0.85
383	-0.7734 GY	1.03
383	-0.9141 GY	1.22
383	-1.0547 GY	1.41
383	-1.0547 GY	1.59
383	-0.9141 GY	1.78
383	-0.7734 GY	1.97
383	-0.6328 GY	2.15
383	-0.4922 GY	2.34
383	-0.3516 GY	2.52
383	-0.2109 GY	2.71
383	-0.0703 GY	2.87
234	-0.0703 GY	0.12
234	-0.2109 GY	0.29
234	-0.3516 GY	0.47
234	-0.4922 GY	0.66
234	-0.6328 GY	0.85
234	-0.7734 GY	1.03
234	-0.9141 GY	1.22
234	-1.0547 GY	1.41
234	-1.0547 GY	1.59
234	-0.9141 GY	1.78
234	-0.7734 GY	1.97
234	-0.6328 GY	2.15
234	-0.4922 GY	2.34
234	-0.3516 GY	2.53
234	-0.2109 GY	2.71
234	-0.0703 GY	2.88
382	-0.0703 GY	0.12
382	-0.2109 GY	0.29



STAAD SPACE

-- PAGE NO. 97

382	-0.3516	GY	0.47
382	-0.4922	GY	0.66
382	-0.6328	GY	0.85
382	-0.7734	GY	1.03
382	-0.9141	GY	1.22
382	-1.0547	GY	1.41
382	-1.0547	GY	1.59
382	-0.9141	GY	1.78
382	-0.7734	GY	1.97
382	-0.6328	GY	2.15
382	-0.4922	GY	2.34
382	-0.3516	GY	2.52
382	-0.2109	GY	2.71
382	-0.0703	GY	2.87
181	-0.0703	GY	0.13
181	-0.2109	GY	0.29
181	-0.3516	GY	0.48
181	-0.4922	GY	0.66
181	-0.6328	GY	0.85
181	-0.7734	GY	1.03
181	-0.9141	GY	1.22
181	-1.0547	GY	1.41
181	-1.0547	GY	1.59
181	-0.9141	GY	1.78
181	-0.7734	GY	1.97
181	-0.6328	GY	2.15
181	-0.4922	GY	2.34
181	-0.3516	GY	2.53
181	-0.2109	GY	2.71
181	-0.0703	GY	2.88
384	-0.0703	GY	0.12
384	-0.2109	GY	0.29
384	-0.3516	GY	0.47
384	-0.4922	GY	0.66
384	-0.6328	GY	0.85
384	-0.7734	GY	1.03
384	-0.9141	GY	1.22
384	-1.0547	GY	1.41
384	-1.0547	GY	1.59
384	-0.9141	GY	1.78
384	-0.7734	GY	1.97
384	-0.6328	GY	2.15
384	-0.4922	GY	2.34
384	-0.3516	GY	2.52
384	-0.2109	GY	2.71
384	-0.0703	GY	2.87
235	-0.0703	GY	0.13
235	-0.2109	GY	0.29
235	-0.3516	GY	0.48
235	-0.4922	GY	0.66
235	-0.6328	GY	0.85
235	-0.7734	GY	1.03
235	-0.9141	GY	1.22
235	-1.0547	GY	1.41
235	-1.0547	GY	1.59
235	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 98

235	-0.7734 GY	1.97
235	-0.6328 GY	2.15
235	-0.4922 GY	2.34
235	-0.3516 GY	2.53
235	-0.2109 GY	2.71
235	-0.0703 GY	2.88
383	-0.0703 GY	0.12
383	-0.2109 GY	0.29
383	-0.3516 GY	0.47
383	-0.4922 GY	0.66
383	-0.6328 GY	0.85
383	-0.7734 GY	1.03
383	-0.9141 GY	1.22
383	-1.0547 GY	1.41
383	-1.0547 GY	1.59
383	-0.9141 GY	1.78
383	-0.7734 GY	1.97
383	-0.6328 GY	2.15
383	-0.4922 GY	2.34
383	-0.3516 GY	2.52
383	-0.2109 GY	2.71
383	-0.0703 GY	2.87
182	-0.0703 GY	0.12
182	-0.2109 GY	0.29
182	-0.3516 GY	0.47
182	-0.4922 GY	0.66
182	-0.6328 GY	0.85
182	-0.7734 GY	1.03
182	-0.9141 GY	1.22
182	-1.0547 GY	1.41
182	-1.0547 GY	1.59
182	-0.9141 GY	1.78
182	-0.7734 GY	1.97
182	-0.6328 GY	2.15
182	-0.4922 GY	2.34
182	-0.3516 GY	2.52
182	-0.2109 GY	2.71
182	-0.0703 GY	2.87
385	-0.0703 GY	0.12
385	-0.2109 GY	0.29
385	-0.3516 GY	0.47
385	-0.4922 GY	0.66
385	-0.6328 GY	0.85
385	-0.7734 GY	1.03
385	-0.9141 GY	1.22
385	-1.0547 GY	1.41
385	-1.0547 GY	1.59
385	-0.9141 GY	1.78
385	-0.7734 GY	1.97
385	-0.6328 GY	2.15
385	-0.4922 GY	2.34
385	-0.3516 GY	2.52
385	-0.2109 GY	2.71
385	-0.0703 GY	2.87
236	-0.0703 GY	0.12
236	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 99

236	-0.3516 GY	0.47
236	-0.4922 GY	0.66
236	-0.6328 GY	0.85
236	-0.7734 GY	1.03
236	-0.9141 GY	1.22
236	-1.0547 GY	1.41
236	-1.0547 GY	1.59
236	-0.9141 GY	1.78
236	-0.7734 GY	1.97
236	-0.6328 GY	2.15
236	-0.4922 GY	2.34
236	-0.3516 GY	2.52
236	-0.2109 GY	2.71
236	-0.0703 GY	2.87
384	-0.0703 GY	0.12
384	-0.2109 GY	0.29
384	-0.3516 GY	0.47
384	-0.4922 GY	0.66
384	-0.6328 GY	0.85
384	-0.7734 GY	1.03
384	-0.9141 GY	1.22
384	-1.0547 GY	1.41
384	-1.0547 GY	1.59
384	-0.9141 GY	1.78
384	-0.7734 GY	1.97
384	-0.6328 GY	2.15
384	-0.4922 GY	2.34
384	-0.3516 GY	2.52
384	-0.2109 GY	2.71
384	-0.0703 GY	2.87
21	-0.0703 GY	0.12
21	-0.2109 GY	0.29
21	-0.3516 GY	0.47
21	-0.4922 GY	0.66
21	-0.6328 GY	0.85
21	-0.7734 GY	1.03
21	-0.9141 GY	1.22
21	-1.0547 GY	1.41
21	-1.0547 GY	1.59
21	-0.9141 GY	1.78
21	-0.7734 GY	1.97
21	-0.6328 GY	2.15
21	-0.4922 GY	2.34
21	-0.3516 GY	2.53
21	-0.2109 GY	2.71
21	-0.0703 GY	2.88
297	-0.0703 GY	0.12
297	-0.2109 GY	0.29
297	-0.3516 GY	0.47
297	-0.4922 GY	0.66
297	-0.6328 GY	0.85
297	-0.7734 GY	1.03
297	-0.9141 GY	1.22
297	-1.0547 GY	1.41
297	-1.0547 GY	1.59
297	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 100

297	-0.7734 GY	1.97
297	-0.6328 GY	2.15
297	-0.4922 GY	2.34
297	-0.3516 GY	2.53
297	-0.2109 GY	2.71
297	-0.0703 GY	2.88
75	-0.0703 GY	0.12
75	-0.2109 GY	0.29
75	-0.3516 GY	0.47
75	-0.4922 GY	0.66
75	-0.6328 GY	0.85
75	-0.7734 GY	1.03
75	-0.9141 GY	1.22
75	-1.0547 GY	1.41
75	-1.0547 GY	1.59
75	-0.9141 GY	1.78
75	-0.7734 GY	1.97
75	-0.6328 GY	2.15
75	-0.4922 GY	2.34
75	-0.3516 GY	2.53
75	-0.2109 GY	2.71
75	-0.0703 GY	2.88
296	-0.0703 GY	0.12
296	-0.2109 GY	0.29
296	-0.3516 GY	0.47
296	-0.4922 GY	0.66
296	-0.6328 GY	0.85
296	-0.7734 GY	1.03
296	-0.9141 GY	1.22
296	-1.0547 GY	1.41
296	-1.0547 GY	1.59
296	-0.9141 GY	1.78
296	-0.7734 GY	1.97
296	-0.6328 GY	2.15
296	-0.4922 GY	2.34
296	-0.3516 GY	2.53
296	-0.2109 GY	2.71
296	-0.0703 GY	2.88
22	-0.0703 GY	0.12
22	-0.2109 GY	0.29
22	-0.3516 GY	0.47
22	-0.4922 GY	0.66
22	-0.6328 GY	0.85
22	-0.7734 GY	1.03
22	-0.9141 GY	1.22
22	-1.0547 GY	1.41
22	-1.0547 GY	1.59
22	-0.9141 GY	1.78
22	-0.7734 GY	1.97
22	-0.6328 GY	2.15
22	-0.4922 GY	2.34
22	-0.3516 GY	2.53
22	-0.2109 GY	2.71
22	-0.0703 GY	2.88
298	-0.0703 GY	0.12
298	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 101

298	-0.3516	GY	0.47
298	-0.4922	GY	0.66
298	-0.6328	GY	0.85
298	-0.7734	GY	1.03
298	-0.9141	GY	1.22
298	-1.0547	GY	1.41
298	-1.0547	GY	1.59
298	-0.9141	GY	1.78
298	-0.7734	GY	1.97
298	-0.6328	GY	2.15
298	-0.4922	GY	2.34
298	-0.3516	GY	2.53
298	-0.2109	GY	2.71
298	-0.0703	GY	2.88
76	-0.0703	GY	0.12
76	-0.2109	GY	0.29
76	-0.3516	GY	0.47
76	-0.4922	GY	0.66
76	-0.6328	GY	0.85
76	-0.7734	GY	1.03
76	-0.9141	GY	1.22
76	-1.0547	GY	1.41
76	-1.0547	GY	1.59
76	-0.9141	GY	1.78
76	-0.7734	GY	1.97
76	-0.6328	GY	2.15
76	-0.4922	GY	2.34
76	-0.3516	GY	2.53
76	-0.2109	GY	2.71
76	-0.0703	GY	2.88
297	-0.0703	GY	0.12
297	-0.2109	GY	0.29
297	-0.3516	GY	0.47
297	-0.4922	GY	0.66
297	-0.6328	GY	0.85
297	-0.7734	GY	1.03
297	-0.9141	GY	1.22
297	-1.0547	GY	1.41
297	-1.0547	GY	1.59
297	-0.9141	GY	1.78
297	-0.7734	GY	1.97
297	-0.6328	GY	2.15
297	-0.4922	GY	2.34
297	-0.3516	GY	2.53
297	-0.2109	GY	2.71
297	-0.0703	GY	2.88
23	-0.0703	GY	0.13
23	-0.2109	GY	0.29
23	-0.3516	GY	0.48
23	-0.4922	GY	0.66
23	-0.6328	GY	0.85
23	-0.7734	GY	1.03
23	-0.9141	GY	1.22
23	-1.0547	GY	1.41
23	-1.0547	GY	1.59
23	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 102

23	-0.7734 GY	1.97
23	-0.6328 GY	2.15
23	-0.4922 GY	2.34
23	-0.3516 GY	2.53
23	-0.2109 GY	2.71
23	-0.0703 GY	2.88
299	-0.0703 GY	0.12
299	-0.2109 GY	0.29
299	-0.3516 GY	0.47
299	-0.4922 GY	0.66
299	-0.6328 GY	0.85
299	-0.7734 GY	1.03
299	-0.9141 GY	1.22
299	-1.0547 GY	1.41
299	-1.0547 GY	1.59
299	-0.9141 GY	1.78
299	-0.7734 GY	1.97
299	-0.6328 GY	2.15
299	-0.4922 GY	2.34
299	-0.3516 GY	2.53
299	-0.2109 GY	2.71
299	-0.0703 GY	2.88
77	-0.0703 GY	0.13
77	-0.2109 GY	0.29
77	-0.3516 GY	0.48
77	-0.4922 GY	0.66
77	-0.6328 GY	0.85
77	-0.7734 GY	1.03
77	-0.9141 GY	1.22
77	-1.0547 GY	1.41
77	-1.0547 GY	1.59
77	-0.9141 GY	1.78
77	-0.7734 GY	1.97
77	-0.6328 GY	2.15
77	-0.4922 GY	2.34
77	-0.3516 GY	2.53
77	-0.2109 GY	2.71
77	-0.0703 GY	2.88
298	-0.0703 GY	0.12
298	-0.2109 GY	0.29
298	-0.3516 GY	0.47
298	-0.4922 GY	0.66
298	-0.6328 GY	0.85
298	-0.7734 GY	1.03
298	-0.9141 GY	1.22
298	-1.0547 GY	1.41
298	-1.0547 GY	1.59
298	-0.9141 GY	1.78
298	-0.7734 GY	1.97
298	-0.6328 GY	2.15
298	-0.4922 GY	2.34
298	-0.3516 GY	2.53
298	-0.2109 GY	2.71
298	-0.0703 GY	2.88
24	-0.0703 GY	0.12
24	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 103

24	-0.3516	GY	0.47
24	-0.4922	GY	0.66
24	-0.6328	GY	0.85
24	-0.7734	GY	1.03
24	-0.9141	GY	1.22
24	-1.0547	GY	1.41
24	-1.0547	GY	1.59
24	-0.9141	GY	1.78
24	-0.7734	GY	1.97
24	-0.6328	GY	2.15
24	-0.4922	GY	2.34
24	-0.3516	GY	2.52
24	-0.2109	GY	2.71
24	-0.0703	GY	2.87
300	-0.0703	GY	0.12
300	-0.2109	GY	0.29
300	-0.3516	GY	0.47
300	-0.4922	GY	0.66
300	-0.6328	GY	0.85
300	-0.7734	GY	1.03
300	-0.9141	GY	1.22
300	-1.0547	GY	1.41
300	-1.0547	GY	1.59
300	-0.9141	GY	1.78
300	-0.7734	GY	1.97
300	-0.6328	GY	2.15
300	-0.4922	GY	2.34
300	-0.3516	GY	2.53
300	-0.2109	GY	2.71
300	-0.0703	GY	2.88
78	-0.0703	GY	0.12
78	-0.2109	GY	0.29
78	-0.3516	GY	0.47
78	-0.4922	GY	0.66
78	-0.6328	GY	0.85
78	-0.7734	GY	1.03
78	-0.9141	GY	1.22
78	-1.0547	GY	1.41
78	-1.0547	GY	1.59
78	-0.9141	GY	1.78
78	-0.7734	GY	1.97
78	-0.6328	GY	2.15
78	-0.4922	GY	2.34
78	-0.3516	GY	2.52
78	-0.2109	GY	2.71
78	-0.0703	GY	2.87
299	-0.0703	GY	0.12
299	-0.2109	GY	0.29
299	-0.3516	GY	0.47
299	-0.4922	GY	0.66
299	-0.6328	GY	0.85
299	-0.7734	GY	1.03
299	-0.9141	GY	1.22
299	-1.0547	GY	1.41
299	-1.0547	GY	1.59
299	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 104

299	-0.7734 GY	1.97
299	-0.6328 GY	2.15
299	-0.4922 GY	2.34
299	-0.3516 GY	2.53
299	-0.2109 GY	2.71
299	-0.0703 GY	2.88
75	-0.0703 GY	0.12
75	-0.2109 GY	0.29
75	-0.3516 GY	0.47
75	-0.4922 GY	0.66
75	-0.6328 GY	0.85
75	-0.7734 GY	1.03
75	-0.9141 GY	1.22
75	-1.0547 GY	1.41
75	-1.0547 GY	1.59
75	-0.9141 GY	1.78
75	-0.7734 GY	1.97
75	-0.6328 GY	2.15
75	-0.4922 GY	2.34
75	-0.3516 GY	2.53
75	-0.2109 GY	2.71
75	-0.0703 GY	2.88
327	-0.0703 GY	0.12
327	-0.2109 GY	0.29
327	-0.3516 GY	0.47
327	-0.4922 GY	0.66
327	-0.6328 GY	0.85
327	-0.7734 GY	1.03
327	-0.9141 GY	1.22
327	-1.0547 GY	1.41
327	-1.0547 GY	1.59
327	-0.9141 GY	1.78
327	-0.7734 GY	1.97
327	-0.6328 GY	2.15
327	-0.4922 GY	2.34
327	-0.3516 GY	2.53
327	-0.2109 GY	2.71
327	-0.0703 GY	2.88
129	-0.0703 GY	0.12
129	-0.2109 GY	0.29
129	-0.3516 GY	0.47
129	-0.4922 GY	0.66
129	-0.6328 GY	0.85
129	-0.7734 GY	1.03
129	-0.9141 GY	1.22
129	-1.0547 GY	1.41
129	-1.0547 GY	1.59
129	-0.9141 GY	1.78
129	-0.7734 GY	1.97
129	-0.6328 GY	2.15
129	-0.4922 GY	2.34
129	-0.3516 GY	2.53
129	-0.2109 GY	2.71
129	-0.0703 GY	2.88
326	-0.0703 GY	0.12
326	-0.2109 GY	0.29



STAAD SPACE

-- PAGE NO. 105

326	-0.3516 GY	0.47
326	-0.4922 GY	0.66
326	-0.6328 GY	0.85
326	-0.7734 GY	1.03
326	-0.9141 GY	1.22
326	-1.0547 GY	1.41
326	-1.0547 GY	1.59
326	-0.9141 GY	1.78
326	-0.7734 GY	1.97
326	-0.6328 GY	2.15
326	-0.4922 GY	2.34
326	-0.3516 GY	2.53
326	-0.2109 GY	2.71
326	-0.0703 GY	2.88
76	-0.0703 GY	0.12
76	-0.2109 GY	0.29
76	-0.3516 GY	0.47
76	-0.4922 GY	0.66
76	-0.6328 GY	0.85
76	-0.7734 GY	1.03
76	-0.9141 GY	1.22
76	-1.0547 GY	1.41
76	-1.0547 GY	1.59
76	-0.9141 GY	1.78
76	-0.7734 GY	1.97
76	-0.6328 GY	2.15
76	-0.4922 GY	2.34
76	-0.3516 GY	2.53
76	-0.2109 GY	2.71
76	-0.0703 GY	2.88
328	-0.0703 GY	0.12
328	-0.2109 GY	0.29
328	-0.3516 GY	0.47
328	-0.4922 GY	0.66
328	-0.6328 GY	0.85
328	-0.7734 GY	1.03
328	-0.9141 GY	1.22
328	-1.0547 GY	1.41
328	-1.0547 GY	1.59
328	-0.9141 GY	1.78
328	-0.7734 GY	1.97
328	-0.6328 GY	2.15
328	-0.4922 GY	2.34
328	-0.3516 GY	2.53
328	-0.2109 GY	2.71
328	-0.0703 GY	2.88
130	-0.0703 GY	0.12
130	-0.2109 GY	0.29
130	-0.3516 GY	0.47
130	-0.4922 GY	0.66
130	-0.6328 GY	0.85
130	-0.7734 GY	1.03
130	-0.9141 GY	1.22
130	-1.0547 GY	1.41
130	-1.0547 GY	1.59
130	-0.9141 GY	1.78

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130	-0.7734 GY	1.97
130	-0.6328 GY	2.15
130	-0.4922 GY	2.34
130	-0.3516 GY	2.53
130	-0.2109 GY	2.71
130	-0.0703 GY	2.88
327	-0.0703 GY	0.12
327	-0.2109 GY	0.29
327	-0.3516 GY	0.47
327	-0.4922 GY	0.66
327	-0.6328 GY	0.85
327	-0.7734 GY	1.03
327	-0.9141 GY	1.22
327	-1.0547 GY	1.41
327	-1.0547 GY	1.59
327	-0.9141 GY	1.78
327	-0.7734 GY	1.97
327	-0.6328 GY	2.15
327	-0.4922 GY	2.34
327	-0.3516 GY	2.53
327	-0.2109 GY	2.71
327	-0.0703 GY	2.88
77	-0.0703 GY	0.13
77	-0.2109 GY	0.29
77	-0.3516 GY	0.48
77	-0.4922 GY	0.66
77	-0.6328 GY	0.85
77	-0.7734 GY	1.03
77	-0.9141 GY	1.22
77	-1.0547 GY	1.41
77	-1.0547 GY	1.59
77	-0.9141 GY	1.78
77	-0.7734 GY	1.97
77	-0.6328 GY	2.15
77	-0.4922 GY	2.34
77	-0.3516 GY	2.53
77	-0.2109 GY	2.71
77	-0.0703 GY	2.88
329	-0.0703 GY	0.12
329	-0.2109 GY	0.29
329	-0.3516 GY	0.47
329	-0.4922 GY	0.66
329	-0.6328 GY	0.85
329	-0.7734 GY	1.03
329	-0.9141 GY	1.22
329	-1.0547 GY	1.41
329	-1.0547 GY	1.59
329	-0.9141 GY	1.78
329	-0.7734 GY	1.97
329	-0.6328 GY	2.15
329	-0.4922 GY	2.34
329	-0.3516 GY	2.53
329	-0.2109 GY	2.71
329	-0.0703 GY	2.88
131	-0.0703 GY	0.13
131	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 107

131	-0.3516 GY	0.48
131	-0.4922 GY	0.66
131	-0.6328 GY	0.85
131	-0.7734 GY	1.03
131	-0.9141 GY	1.22
131	-1.0547 GY	1.41
131	-1.0547 GY	1.59
131	-0.9141 GY	1.78
131	-0.7734 GY	1.97
131	-0.6328 GY	2.15
131	-0.4922 GY	2.34
131	-0.3516 GY	2.53
131	-0.2109 GY	2.71
131	-0.0703 GY	2.88
328	-0.0703 GY	0.12
328	-0.2109 GY	0.29
328	-0.3516 GY	0.47
328	-0.4922 GY	0.66
328	-0.6328 GY	0.85
328	-0.7734 GY	1.03
328	-0.9141 GY	1.22
328	-1.0547 GY	1.41
328	-1.0547 GY	1.59
328	-0.9141 GY	1.78
328	-0.7734 GY	1.97
328	-0.6328 GY	2.15
328	-0.4922 GY	2.34
328	-0.3516 GY	2.53
328	-0.2109 GY	2.71
328	-0.0703 GY	2.88
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78	-0.6328 GY	0.85
78	-0.7734 GY	1.03
78	-0.9141 GY	1.22
78	-1.0547 GY	1.41
78	-1.0547 GY	1.59
78	-0.9141 GY	1.78
78	-0.7734 GY	1.97
78	-0.6328 GY	2.15
78	-0.4922 GY	2.34
78	-0.3516 GY	2.52
78	-0.2109 GY	2.71
78	-0.0703 GY	2.87
330	-0.0703 GY	0.12
330	-0.2109 GY	0.29
330	-0.3516 GY	0.47
330	-0.4922 GY	0.66
330	-0.6328 GY	0.85
330	-0.7734 GY	1.03
330	-0.9141 GY	1.22
330	-1.0547 GY	1.41
330	-1.0547 GY	1.59
330	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 108

330	-0.7734 GY	1.97
330	-0.6328 GY	2.15
330	-0.4922 GY	2.34
330	-0.3516 GY	2.53
330	-0.2109 GY	2.71
330	-0.0703 GY	2.88
132	-0.0703 GY	0.12
132	-0.2109 GY	0.29
132	-0.3516 GY	0.47
132	-0.4922 GY	0.66
132	-0.6328 GY	0.85
132	-0.7734 GY	1.03
132	-0.9141 GY	1.22
132	-1.0547 GY	1.41
132	-1.0547 GY	1.59
132	-0.9141 GY	1.78
132	-0.7734 GY	1.97
132	-0.6328 GY	2.15
132	-0.4922 GY	2.34
132	-0.3516 GY	2.52
132	-0.2109 GY	2.71
132	-0.0703 GY	2.87
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329	-0.2109 GY	0.29
329	-0.3516 GY	0.47
329	-0.4922 GY	0.66
329	-0.6328 GY	0.85
329	-0.7734 GY	1.03
329	-0.9141 GY	1.22
329	-1.0547 GY	1.41
329	-1.0547 GY	1.59
329	-0.9141 GY	1.78
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329	-0.4922 GY	2.34
329	-0.3516 GY	2.53
329	-0.2109 GY	2.71
329	-0.0703 GY	2.88
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129	-0.2109 GY	0.29
129	-0.3516 GY	0.47
129	-0.4922 GY	0.66
129	-0.6328 GY	0.85
129	-0.7734 GY	1.03
129	-0.9141 GY	1.22
129	-1.0547 GY	1.41
129	-1.0547 GY	1.59
129	-0.9141 GY	1.78
129	-0.7734 GY	1.97
129	-0.6328 GY	2.15
129	-0.4922 GY	2.34
129	-0.3516 GY	2.53
129	-0.2109 GY	2.71
129	-0.0703 GY	2.88
357	-0.0703 GY	0.13
357	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 109

357	-0.3516	GY	0.48
357	-0.4922	GY	0.66
357	-0.6328	GY	0.85
357	-0.7734	GY	1.03
357	-0.9141	GY	1.22
357	-1.0547	GY	1.41
357	-1.0547	GY	1.59
357	-0.9141	GY	1.78
357	-0.7734	GY	1.97
357	-0.6328	GY	2.15
357	-0.4922	GY	2.34
357	-0.3516	GY	2.53
357	-0.2109	GY	2.71
357	-0.0703	GY	2.88
183	-0.0703	GY	0.12
183	-0.2109	GY	0.29
183	-0.3516	GY	0.47
183	-0.4922	GY	0.66
183	-0.6328	GY	0.85
183	-0.7734	GY	1.03
183	-0.9141	GY	1.22
183	-1.0547	GY	1.41
183	-1.0547	GY	1.59
183	-0.9141	GY	1.78
183	-0.7734	GY	1.97
183	-0.6328	GY	2.15
183	-0.4922	GY	2.34
183	-0.3516	GY	2.53
183	-0.2109	GY	2.71
183	-0.0703	GY	2.88
356	-0.0703	GY	0.13
356	-0.2109	GY	0.29
356	-0.3516	GY	0.48
356	-0.4922	GY	0.66
356	-0.6328	GY	0.85
356	-0.7734	GY	1.03
356	-0.9141	GY	1.22
356	-1.0547	GY	1.41
356	-1.0547	GY	1.59
356	-0.9141	GY	1.78
356	-0.7734	GY	1.97
356	-0.6328	GY	2.15
356	-0.4922	GY	2.34
356	-0.3516	GY	2.53
356	-0.2109	GY	2.71
356	-0.0703	GY	2.88
130	-0.0703	GY	0.12
130	-0.2109	GY	0.29
130	-0.3516	GY	0.47
130	-0.4922	GY	0.66
130	-0.6328	GY	0.85
130	-0.7734	GY	1.03
130	-0.9141	GY	1.22
130	-1.0547	GY	1.41
130	-1.0547	GY	1.59
130	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 110

130	-0.7734 GY	1.97
130	-0.6328 GY	2.15
130	-0.4922 GY	2.34
130	-0.3516 GY	2.53
130	-0.2109 GY	2.71
130	-0.0703 GY	2.88
358	-0.0703 GY	0.13
358	-0.2109 GY	0.29
358	-0.3516 GY	0.48
358	-0.4922 GY	0.66
358	-0.6328 GY	0.85
358	-0.7734 GY	1.03
358	-0.9141 GY	1.22
358	-1.0547 GY	1.41
358	-1.0547 GY	1.59
358	-0.9141 GY	1.78
358	-0.7734 GY	1.97
358	-0.6328 GY	2.15
358	-0.4922 GY	2.34
358	-0.3516 GY	2.53
358	-0.2109 GY	2.71
358	-0.0703 GY	2.88
184	-0.0703 GY	0.12
184	-0.2109 GY	0.29
184	-0.3516 GY	0.47
184	-0.4922 GY	0.66
184	-0.6328 GY	0.85
184	-0.7734 GY	1.03
184	-0.9141 GY	1.22
184	-1.0547 GY	1.41
184	-1.0547 GY	1.59
184	-0.9141 GY	1.78
184	-0.7734 GY	1.97
184	-0.6328 GY	2.15
184	-0.4922 GY	2.34
184	-0.3516 GY	2.53
184	-0.2109 GY	2.71
184	-0.0703 GY	2.88
357	-0.0703 GY	0.13
357	-0.2109 GY	0.29
357	-0.3516 GY	0.48
357	-0.4922 GY	0.66
357	-0.6328 GY	0.85
357	-0.7734 GY	1.03
357	-0.9141 GY	1.22
357	-1.0547 GY	1.41
357	-1.0547 GY	1.59
357	-0.9141 GY	1.78
357	-0.7734 GY	1.97
357	-0.6328 GY	2.15
357	-0.4922 GY	2.34
357	-0.3516 GY	2.53
357	-0.2109 GY	2.71
357	-0.0703 GY	2.88
131	-0.0703 GY	0.13
131	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 111

131	-0.3516 GY	0.48
131	-0.4922 GY	0.66
131	-0.6328 GY	0.85
131	-0.7734 GY	1.03
131	-0.9141 GY	1.22
131	-1.0547 GY	1.41
131	-1.0547 GY	1.59
131	-0.9141 GY	1.78
131	-0.7734 GY	1.97
131	-0.6328 GY	2.15
131	-0.4922 GY	2.34
131	-0.3516 GY	2.53
131	-0.2109 GY	2.71
131	-0.0703 GY	2.88
359	-0.0703 GY	0.13
359	-0.2109 GY	0.29
359	-0.3516 GY	0.48
359	-0.4922 GY	0.66
359	-0.6328 GY	0.85
359	-0.7734 GY	1.03
359	-0.9141 GY	1.22
359	-1.0547 GY	1.41
359	-1.0547 GY	1.59
359	-0.9141 GY	1.78
359	-0.7734 GY	1.97
359	-0.6328 GY	2.15
359	-0.4922 GY	2.34
359	-0.3516 GY	2.53
359	-0.2109 GY	2.71
359	-0.0703 GY	2.88
185	-0.0703 GY	0.13
185	-0.2109 GY	0.29
185	-0.3516 GY	0.48
185	-0.4922 GY	0.66
185	-0.6328 GY	0.85
185	-0.7734 GY	1.03
185	-0.9141 GY	1.22
185	-1.0547 GY	1.41
185	-1.0547 GY	1.59
185	-0.9141 GY	1.78
185	-0.7734 GY	1.97
185	-0.6328 GY	2.15
185	-0.4922 GY	2.34
185	-0.3516 GY	2.53
185	-0.2109 GY	2.71
185	-0.0703 GY	2.88
358	-0.0703 GY	0.13
358	-0.2109 GY	0.29
358	-0.3516 GY	0.48
358	-0.4922 GY	0.66
358	-0.6328 GY	0.85
358	-0.7734 GY	1.03
358	-0.9141 GY	1.22
358	-1.0547 GY	1.41
358	-1.0547 GY	1.59
358	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 112

358	-0.7734	GY	1.97
358	-0.6328	GY	2.15
358	-0.4922	GY	2.34
358	-0.3516	GY	2.53
358	-0.2109	GY	2.71
358	-0.0703	GY	2.88
132	-0.0703	GY	0.12
132	-0.2109	GY	0.29
132	-0.3516	GY	0.47
132	-0.4922	GY	0.66
132	-0.6328	GY	0.85
132	-0.7734	GY	1.03
132	-0.9141	GY	1.22
132	-1.0547	GY	1.41
132	-1.0547	GY	1.59
132	-0.9141	GY	1.78
132	-0.7734	GY	1.97
132	-0.6328	GY	2.15
132	-0.4922	GY	2.34
132	-0.3516	GY	2.52
132	-0.2109	GY	2.71
132	-0.0703	GY	2.87
360	-0.0703	GY	0.13
360	-0.2109	GY	0.29
360	-0.3516	GY	0.48
360	-0.4922	GY	0.66
360	-0.6328	GY	0.85
360	-0.7734	GY	1.03
360	-0.9141	GY	1.22
360	-1.0547	GY	1.41
360	-1.0547	GY	1.59
360	-0.9141	GY	1.78
360	-0.7734	GY	1.97
360	-0.6328	GY	2.15
360	-0.4922	GY	2.34
360	-0.3516	GY	2.53
360	-0.2109	GY	2.71
360	-0.0703	GY	2.88
186	-0.0703	GY	0.12
186	-0.2109	GY	0.29
186	-0.3516	GY	0.47
186	-0.4922	GY	0.66
186	-0.6328	GY	0.85
186	-0.7734	GY	1.03
186	-0.9141	GY	1.22
186	-1.0547	GY	1.41
186	-1.0547	GY	1.59
186	-0.9141	GY	1.78
186	-0.7734	GY	1.97
186	-0.6328	GY	2.15
186	-0.4922	GY	2.34
186	-0.3516	GY	2.52
186	-0.2109	GY	2.71
186	-0.0703	GY	2.87
359	-0.0703	GY	0.13
359	-0.2109	GY	0.29



STAAD SPACE

-- PAGE NO. 113

359	-0.3516 GY	0.48
359	-0.4922 GY	0.66
359	-0.6328 GY	0.85
359	-0.7734 GY	1.03
359	-0.9141 GY	1.22
359	-1.0547 GY	1.41
359	-1.0547 GY	1.59
359	-0.9141 GY	1.78
359	-0.7734 GY	1.97
359	-0.6328 GY	2.15
359	-0.4922 GY	2.34
359	-0.3516 GY	2.53
359	-0.2109 GY	2.71
359	-0.0703 GY	2.88
183	-0.0703 GY	0.12
183	-0.2109 GY	0.29
183	-0.3516 GY	0.47
183	-0.4922 GY	0.66
183	-0.6328 GY	0.85
183	-0.7734 GY	1.03
183	-0.9141 GY	1.22
183	-1.0547 GY	1.41
183	-1.0547 GY	1.59
183	-0.9141 GY	1.78
183	-0.7734 GY	1.97
183	-0.6328 GY	2.15
183	-0.4922 GY	2.34
183	-0.3516 GY	2.53
183	-0.2109 GY	2.71
183	-0.0703 GY	2.88
387	-0.0703 GY	0.12
387	-0.2109 GY	0.29
387	-0.3516 GY	0.47
387	-0.4922 GY	0.66
387	-0.6328 GY	0.85
387	-0.7734 GY	1.03
387	-0.9141 GY	1.22
387	-1.0547 GY	1.41
387	-1.0547 GY	1.59
387	-0.9141 GY	1.78
387	-0.7734 GY	1.97
387	-0.6328 GY	2.15
387	-0.4922 GY	2.34
387	-0.3516 GY	2.52
387	-0.2109 GY	2.71
387	-0.0703 GY	2.87
237	-0.0703 GY	0.12
237	-0.2109 GY	0.29
237	-0.3516 GY	0.47
237	-0.4922 GY	0.66
237	-0.6328 GY	0.85
237	-0.7734 GY	1.03
237	-0.9141 GY	1.22
237	-1.0547 GY	1.41
237	-1.0547 GY	1.59
237	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 114

237	-0.7734 GY	1.97
237	-0.6328 GY	2.15
237	-0.4922 GY	2.34
237	-0.3516 GY	2.53
237	-0.2109 GY	2.71
237	-0.0703 GY	2.88
386	-0.0703 GY	0.12
386	-0.2109 GY	0.29
386	-0.3516 GY	0.47
386	-0.4922 GY	0.66
386	-0.6328 GY	0.85
386	-0.7734 GY	1.03
386	-0.9141 GY	1.22
386	-1.0547 GY	1.41
386	-1.0547 GY	1.59
386	-0.9141 GY	1.78
386	-0.7734 GY	1.97
386	-0.6328 GY	2.15
386	-0.4922 GY	2.34
386	-0.3516 GY	2.52
386	-0.2109 GY	2.71
386	-0.0703 GY	2.87
184	-0.0703 GY	0.12
184	-0.2109 GY	0.29
184	-0.3516 GY	0.47
184	-0.4922 GY	0.66
184	-0.6328 GY	0.85
184	-0.7734 GY	1.03
184	-0.9141 GY	1.22
184	-1.0547 GY	1.41
184	-1.0547 GY	1.59
184	-0.9141 GY	1.78
184	-0.7734 GY	1.97
184	-0.6328 GY	2.15
184	-0.4922 GY	2.34
184	-0.3516 GY	2.53
184	-0.2109 GY	2.71
184	-0.0703 GY	2.88
388	-0.0703 GY	0.12
388	-0.2109 GY	0.29
388	-0.3516 GY	0.47
388	-0.4922 GY	0.66
388	-0.6328 GY	0.85
388	-0.7734 GY	1.03
388	-0.9141 GY	1.22
388	-1.0547 GY	1.41
388	-1.0547 GY	1.59
388	-0.9141 GY	1.78
388	-0.7734 GY	1.97
388	-0.6328 GY	2.15
388	-0.4922 GY	2.34
388	-0.3516 GY	2.52
388	-0.2109 GY	2.71
388	-0.0703 GY	2.87
238	-0.0703 GY	0.12
238	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 115

238	-0.3516	GY	0.47
238	-0.4922	GY	0.66
238	-0.6328	GY	0.85
238	-0.7734	GY	1.03
238	-0.9141	GY	1.22
238	-1.0547	GY	1.41
238	-1.0547	GY	1.59
238	-0.9141	GY	1.78
238	-0.7734	GY	1.97
238	-0.6328	GY	2.15
238	-0.4922	GY	2.34
238	-0.3516	GY	2.53
238	-0.2109	GY	2.71
238	-0.0703	GY	2.88
387	-0.0703	GY	0.12
387	-0.2109	GY	0.29
387	-0.3516	GY	0.47
387	-0.4922	GY	0.66
387	-0.6328	GY	0.85
387	-0.7734	GY	1.03
387	-0.9141	GY	1.22
387	-1.0547	GY	1.41
387	-1.0547	GY	1.59
387	-0.9141	GY	1.78
387	-0.7734	GY	1.97
387	-0.6328	GY	2.15
387	-0.4922	GY	2.34
387	-0.3516	GY	2.52
387	-0.2109	GY	2.71
387	-0.0703	GY	2.87
185	-0.0703	GY	0.13
185	-0.2109	GY	0.29
185	-0.3516	GY	0.48
185	-0.4922	GY	0.66
185	-0.6328	GY	0.85
185	-0.7734	GY	1.03
185	-0.9141	GY	1.22
185	-1.0547	GY	1.41
185	-1.0547	GY	1.59
185	-0.9141	GY	1.78
185	-0.7734	GY	1.97
185	-0.6328	GY	2.15
185	-0.4922	GY	2.34
185	-0.3516	GY	2.53
185	-0.2109	GY	2.71
185	-0.0703	GY	2.88
389	-0.0703	GY	0.12
389	-0.2109	GY	0.29
389	-0.3516	GY	0.47
389	-0.4922	GY	0.66
389	-0.6328	GY	0.85
389	-0.7734	GY	1.03
389	-0.9141	GY	1.22
389	-1.0547	GY	1.41
389	-1.0547	GY	1.59
389	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 116

389	-0.7734 GY	1.97
389	-0.6328 GY	2.15
389	-0.4922 GY	2.34
389	-0.3516 GY	2.52
389	-0.2109 GY	2.71
389	-0.0703 GY	2.87
239	-0.0703 GY	0.13
239	-0.2109 GY	0.29
239	-0.3516 GY	0.48
239	-0.4922 GY	0.66
239	-0.6328 GY	0.85
239	-0.7734 GY	1.03
239	-0.9141 GY	1.22
239	-1.0547 GY	1.41
239	-1.0547 GY	1.59
239	-0.9141 GY	1.78
239	-0.7734 GY	1.97
239	-0.6328 GY	2.15
239	-0.4922 GY	2.34
239	-0.3516 GY	2.53
239	-0.2109 GY	2.71
239	-0.0703 GY	2.88
388	-0.0703 GY	0.12
388	-0.2109 GY	0.29
388	-0.3516 GY	0.47
388	-0.4922 GY	0.66
388	-0.6328 GY	0.85
388	-0.7734 GY	1.03
388	-0.9141 GY	1.22
388	-1.0547 GY	1.41
388	-1.0547 GY	1.59
388	-0.9141 GY	1.78
388	-0.7734 GY	1.97
388	-0.6328 GY	2.15
388	-0.4922 GY	2.34
388	-0.3516 GY	2.52
388	-0.2109 GY	2.71
388	-0.0703 GY	2.87
186	-0.0703 GY	0.12
186	-0.2109 GY	0.29
186	-0.3516 GY	0.47
186	-0.4922 GY	0.66
186	-0.6328 GY	0.85
186	-0.7734 GY	1.03
186	-0.9141 GY	1.22
186	-1.0547 GY	1.41
186	-1.0547 GY	1.59
186	-0.9141 GY	1.78
186	-0.7734 GY	1.97
186	-0.6328 GY	2.15
186	-0.4922 GY	2.34
186	-0.3516 GY	2.52
186	-0.2109 GY	2.71
186	-0.0703 GY	2.87
390	-0.0703 GY	0.12
390	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 117

390	-0.3516	GY	0.47
390	-0.4922	GY	0.66
390	-0.6328	GY	0.85
390	-0.7734	GY	1.03
390	-0.9141	GY	1.22
390	-1.0547	GY	1.41
390	-1.0547	GY	1.59
390	-0.9141	GY	1.78
390	-0.7734	GY	1.97
390	-0.6328	GY	2.15
390	-0.4922	GY	2.34
390	-0.3516	GY	2.52
390	-0.2109	GY	2.71
390	-0.0703	GY	2.87
240	-0.0703	GY	0.12
240	-0.2109	GY	0.29
240	-0.3516	GY	0.47
240	-0.4922	GY	0.66
240	-0.6328	GY	0.85
240	-0.7734	GY	1.03
240	-0.9141	GY	1.22
240	-1.0547	GY	1.41
240	-1.0547	GY	1.59
240	-0.9141	GY	1.78
240	-0.7734	GY	1.97
240	-0.6328	GY	2.15
240	-0.4922	GY	2.34
240	-0.3516	GY	2.52
240	-0.2109	GY	2.71
240	-0.0703	GY	2.87
389	-0.0703	GY	0.12
389	-0.2109	GY	0.29
389	-0.3516	GY	0.47
389	-0.4922	GY	0.66
389	-0.6328	GY	0.85
389	-0.7734	GY	1.03
389	-0.9141	GY	1.22
389	-1.0547	GY	1.41
389	-1.0547	GY	1.59
389	-0.9141	GY	1.78
389	-0.7734	GY	1.97
389	-0.6328	GY	2.15
389	-0.4922	GY	2.34
389	-0.3516	GY	2.52
389	-0.2109	GY	2.71
389	-0.0703	GY	2.87

MEMBER LOAD - UNIT KN    METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
1	-15.0000 GY	0.00	3.00				
2	-15.0000 GY	0.00	3.00				
3	-15.0000 GY	0.00	3.00				
4	-15.0000 GY	0.00	3.00				

STAAD SPACE

-- PAGE NO. 118

5	-15.0000	GY	0.00	3.00
6	-15.0000	GY	0.00	3.00
7	-15.0000	GY	0.00	3.00
8	-15.0000	GY	0.00	3.00
9	-15.0000	GY	0.00	3.00
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12	-15.0000	GY	0.00	3.00
13	-15.0000	GY	0.00	3.00
14	-15.0000	GY	0.00	3.00
15	-15.0000	GY	0.00	3.00
16	-15.0000	GY	0.00	3.00
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18	-15.0000	GY	0.00	3.00
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20	-15.0000	GY	0.00	3.00
21	-15.0000	GY	0.00	3.00
22	-15.0000	GY	0.00	3.00
23	-15.0000	GY	0.00	3.00
24	-15.0000	GY	0.00	3.00
25	-15.0000	GY	0.00	3.00
26	-15.0000	GY	0.00	3.00
27	-15.0000	GY	0.00	3.00
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29	-15.0000	GY	0.00	3.00
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31	-15.0000	GY	0.00	3.00
32	-15.0000	GY	0.00	3.00
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34	-15.0000	GY	0.00	3.00
35	-15.0000	GY	0.00	3.00
36	-15.0000	GY	0.00	3.00
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38	-15.0000	GY	0.00	3.00
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40	-15.0000	GY	0.00	3.00
41	-15.0000	GY	0.00	3.00
42	-15.0000	GY	0.00	3.00
43	-15.0000	GY	0.00	3.00
44	-15.0000	GY	0.00	3.00
45	-15.0000	GY	0.00	3.00
46	-15.0000	GY	0.00	3.00
47	-15.0000	GY	0.00	3.00
48	-15.0000	GY	0.00	3.00
49	-15.0000	GY	0.00	3.00
50	-15.0000	GY	0.00	3.00
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52	-15.0000	GY	0.00	3.00
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54	-15.0000	GY	0.00	3.00
55	-15.0000	GY	0.00	3.00
56	-15.0000	GY	0.00	3.00
57	-15.0000	GY	0.00	3.00
58	-15.0000	GY	0.00	3.00
59	-15.0000	GY	0.00	3.00
60	-15.0000	GY	0.00	3.00

STAAD SPACE

-- PAGE NO. 119

61	-15.0000	GY	0.00	3.00
62	-15.0000	GY	0.00	3.00
63	-15.0000	GY	0.00	3.00
64	-15.0000	GY	0.00	3.00
65	-15.0000	GY	0.00	3.00
66	-15.0000	GY	0.00	3.00
67	-15.0000	GY	0.00	3.00
68	-15.0000	GY	0.00	3.00
69	-15.0000	GY	0.00	3.00
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72	-15.0000	GY	0.00	3.00
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74	-15.0000	GY	0.00	3.00
75	-15.0000	GY	0.00	3.00
76	-15.0000	GY	0.00	3.00
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78	-15.0000	GY	0.00	3.00
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81	-15.0000	GY	0.00	3.00
82	-15.0000	GY	0.00	3.00
83	-15.0000	GY	0.00	3.00
84	-15.0000	GY	0.00	3.00
85	-15.0000	GY	0.00	3.00
86	-15.0000	GY	0.00	3.00
87	-15.0000	GY	0.00	3.00
88	-15.0000	GY	0.00	3.00
89	-15.0000	GY	0.00	3.00
90	-15.0000	GY	0.00	3.00
91	-15.0000	GY	0.00	3.00
92	-15.0000	GY	0.00	3.00
93	-15.0000	GY	0.00	3.00
94	-15.0000	GY	0.00	3.00
95	-15.0000	GY	0.00	3.00
96	-15.0000	GY	0.00	3.00
97	-15.0000	GY	0.00	3.00
98	-15.0000	GY	0.00	3.00
99	-15.0000	GY	0.00	3.00
100	-15.0000	GY	0.00	3.00
101	-15.0000	GY	0.00	3.00
102	-15.0000	GY	0.00	3.00
103	-15.0000	GY	0.00	3.00
104	-15.0000	GY	0.00	3.00
105	-15.0000	GY	0.00	3.00
106	-15.0000	GY	0.00	3.00
107	-15.0000	GY	0.00	3.00
108	-15.0000	GY	0.00	3.00
109	-15.0000	GY	0.00	3.00
110	-15.0000	GY	0.00	3.00
111	-15.0000	GY	0.00	3.00
112	-15.0000	GY	0.00	3.00
113	-15.0000	GY	0.00	3.00
114	-15.0000	GY	0.00	3.00
115	-15.0000	GY	0.00	3.00
116	-15.0000	GY	0.00	3.00

STAAD SPACE

-- PAGE NO. 120

117	-15.0000	GY	0.00	3.00
118	-15.0000	GY	0.00	3.00
119	-15.0000	GY	0.00	3.00
120	-15.0000	GY	0.00	3.00
121	-15.0000	GY	0.00	3.00
122	-15.0000	GY	0.00	3.00
123	-15.0000	GY	0.00	3.00
124	-15.0000	GY	0.00	3.00
125	-15.0000	GY	0.00	3.00
126	-15.0000	GY	0.00	3.00
127	-15.0000	GY	0.00	3.00
128	-15.0000	GY	0.00	3.00
129	-15.0000	GY	0.00	3.00
130	-15.0000	GY	0.00	3.00
131	-15.0000	GY	0.00	3.00
132	-15.0000	GY	0.00	3.00
133	-15.0000	GY	0.00	3.00
134	-15.0000	GY	0.00	3.00
135	-15.0000	GY	0.00	3.00
136	-15.0000	GY	0.00	3.00
137	-15.0000	GY	0.00	3.00
138	-15.0000	GY	0.00	3.00
139	-15.0000	GY	0.00	3.00
140	-15.0000	GY	0.00	3.00
141	-15.0000	GY	0.00	3.00
142	-15.0000	GY	0.00	3.00
143	-15.0000	GY	0.00	3.00
144	-15.0000	GY	0.00	3.00
145	-15.0000	GY	0.00	3.00
146	-15.0000	GY	0.00	3.00
147	-15.0000	GY	0.00	3.00
148	-15.0000	GY	0.00	3.00
149	-15.0000	GY	0.00	3.00
150	-15.0000	GY	0.00	3.00
151	-15.0000	GY	0.00	3.00
152	-15.0000	GY	0.00	3.00
153	-15.0000	GY	0.00	3.00
154	-15.0000	GY	0.00	3.00
155	-15.0000	GY	0.00	3.00
156	-15.0000	GY	0.00	3.00
157	-15.0000	GY	0.00	3.00
158	-15.0000	GY	0.00	3.00
159	-15.0000	GY	0.00	3.00
160	-15.0000	GY	0.00	3.00
161	-15.0000	GY	0.00	3.00
162	-15.0000	GY	0.00	3.00
163	-15.0000	GY	0.00	3.00
164	-15.0000	GY	0.00	3.00
165	-15.0000	GY	0.00	3.00
166	-15.0000	GY	0.00	3.00
167	-15.0000	GY	0.00	3.00
168	-15.0000	GY	0.00	3.00
169	-15.0000	GY	0.00	3.00
170	-15.0000	GY	0.00	3.00
171	-15.0000	GY	0.00	3.00
172	-15.0000	GY	0.00	3.00



STAAD SPACE

-- PAGE NO. 121

173	-15.0000	GY	0.00	3.00
174	-15.0000	GY	0.00	3.00
175	-15.0000	GY	0.00	3.00
176	-15.0000	GY	0.00	3.00
177	-15.0000	GY	0.00	3.00
178	-15.0000	GY	0.00	3.00
179	-15.0000	GY	0.00	3.00
180	-15.0000	GY	0.00	3.00
181	-15.0000	GY	0.00	3.00
182	-15.0000	GY	0.00	3.00
183	-15.0000	GY	0.00	3.00
184	-15.0000	GY	0.00	3.00
185	-15.0000	GY	0.00	3.00
186	-15.0000	GY	0.00	3.00
187	-15.0000	GY	0.00	3.00
188	-15.0000	GY	0.00	3.00
189	-15.0000	GY	0.00	3.00
190	-15.0000	GY	0.00	3.00
191	-15.0000	GY	0.00	3.00
192	-15.0000	GY	0.00	3.00
193	-15.0000	GY	0.00	3.00
194	-15.0000	GY	0.00	3.00
195	-15.0000	GY	0.00	3.00
196	-15.0000	GY	0.00	3.00
197	-15.0000	GY	0.00	3.00
198	-15.0000	GY	0.00	3.00
199	-15.0000	GY	0.00	3.00
200	-15.0000	GY	0.00	3.00
201	-15.0000	GY	0.00	3.00
202	-15.0000	GY	0.00	3.00
203	-15.0000	GY	0.00	3.00
204	-15.0000	GY	0.00	3.00
205	-15.0000	GY	0.00	3.00
206	-15.0000	GY	0.00	3.00
207	-15.0000	GY	0.00	3.00
208	-15.0000	GY	0.00	3.00
209	-15.0000	GY	0.00	3.00
210	-15.0000	GY	0.00	3.00
211	-15.0000	GY	0.00	3.00
212	-15.0000	GY	0.00	3.00
213	-15.0000	GY	0.00	3.00
214	-15.0000	GY	0.00	3.00
215	-15.0000	GY	0.00	3.00
216	-15.0000	GY	0.00	3.00
217	-15.0000	GY	0.00	3.00
218	-15.0000	GY	0.00	3.00
219	-15.0000	GY	0.00	3.00
220	-15.0000	GY	0.00	3.00
221	-15.0000	GY	0.00	3.00
222	-15.0000	GY	0.00	3.00
223	-15.0000	GY	0.00	3.00
224	-15.0000	GY	0.00	3.00
225	-15.0000	GY	0.00	3.00
226	-15.0000	GY	0.00	3.00
227	-15.0000	GY	0.00	3.00
228	-15.0000	GY	0.00	3.00

STAAD SPACE

-- PAGE NO. 122

229	-15.0000	GY	0.00	3.00
230	-15.0000	GY	0.00	3.00
231	-15.0000	GY	0.00	3.00
232	-15.0000	GY	0.00	3.00
233	-15.0000	GY	0.00	3.00
234	-15.0000	GY	0.00	3.00
235	-15.0000	GY	0.00	3.00
236	-15.0000	GY	0.00	3.00
237	-15.0000	GY	0.00	3.00
238	-15.0000	GY	0.00	3.00
239	-15.0000	GY	0.00	3.00
240	-15.0000	GY	0.00	3.00
241	-15.0000	GY	0.00	3.00
242	-15.0000	GY	0.00	3.00
243	-15.0000	GY	0.00	3.00
244	-15.0000	GY	0.00	3.00
245	-15.0000	GY	0.00	3.00
246	-15.0000	GY	0.00	3.00
247	-15.0000	GY	0.00	3.00
248	-15.0000	GY	0.00	3.00
249	-15.0000	GY	0.00	3.00
250	-15.0000	GY	0.00	3.00
251	-15.0000	GY	0.00	3.00
252	-15.0000	GY	0.00	3.00
253	-15.0000	GY	0.00	3.00
254	-15.0000	GY	0.00	3.00
255	-15.0000	GY	0.00	3.00
256	-15.0000	GY	0.00	3.00
257	-15.0000	GY	0.00	3.00
258	-15.0000	GY	0.00	3.00
259	-15.0000	GY	0.00	3.00
260	-15.0000	GY	0.00	3.00
261	-15.0000	GY	0.00	3.00
262	-15.0000	GY	0.00	3.00
263	-15.0000	GY	0.00	3.00
264	-15.0000	GY	0.00	3.00
265	-15.0000	GY	0.00	3.00
266	-15.0000	GY	0.00	3.00
267	-15.0000	GY	0.00	3.00
268	-15.0000	GY	0.00	3.00
269	-15.0000	GY	0.00	3.00
270	-15.0000	GY	0.00	3.00
271	-15.0000	GY	0.00	3.00
272	-15.0000	GY	0.00	3.00
273	-15.0000	GY	0.00	3.00
274	-15.0000	GY	0.00	3.00
275	-15.0000	GY	0.00	3.00
276	-15.0000	GY	0.00	3.00
277	-15.0000	GY	0.00	3.00
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282	-15.0000	GY	0.00	3.00
283	-15.0000	GY	0.00	3.00
284	-15.0000	GY	0.00	3.00

STAAD SPACE

-- PAGE NO. 123

285	-15.0000	GY	0.00	3.00
286	-15.0000	GY	0.00	3.00
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292	-15.0000	GY	0.00	3.00
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294	-15.0000	GY	0.00	3.00
295	-15.0000	GY	0.00	3.00
296	-15.0000	GY	0.00	3.00
297	-15.0000	GY	0.00	3.00
298	-15.0000	GY	0.00	3.00
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300	-15.0000	GY	0.00	3.00
301	-15.0000	GY	0.00	3.00
302	-15.0000	GY	0.00	3.00
303	-15.0000	GY	0.00	3.00
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308	-15.0000	GY	0.00	3.00
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313	-15.0000	GY	0.00	3.00
314	-15.0000	GY	0.00	3.00
315	-15.0000	GY	0.00	3.00
316	-15.0000	GY	0.00	3.00
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319	-15.0000	GY	0.00	3.00
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322	-15.0000	GY	0.00	3.00
323	-15.0000	GY	0.00	3.00
324	-15.0000	GY	0.00	3.00
325	-15.0000	GY	0.00	3.00
326	-15.0000	GY	0.00	3.00
327	-15.0000	GY	0.00	3.00
328	-15.0000	GY	0.00	3.00
329	-15.0000	GY	0.00	3.00
330	-15.0000	GY	0.00	3.00
331	-15.0000	GY	0.00	3.00
332	-15.0000	GY	0.00	3.00
333	-15.0000	GY	0.00	3.00
334	-15.0000	GY	0.00	3.00
335	-15.0000	GY	0.00	3.00
336	-15.0000	GY	0.00	3.00
337	-15.0000	GY	0.00	3.00
338	-15.0000	GY	0.00	3.00
339	-15.0000	GY	0.00	3.00
340	-15.0000	GY	0.00	3.00

STAAD SPACE

-- PAGE NO. 124

341	-15.0000	GY	0.00	3.00
342	-15.0000	GY	0.00	3.00
343	-15.0000	GY	0.00	3.00
344	-15.0000	GY	0.00	3.00
345	-15.0000	GY	0.00	3.00
346	-15.0000	GY	0.00	3.00
347	-15.0000	GY	0.00	3.00
348	-15.0000	GY	0.00	3.00
349	-15.0000	GY	0.00	3.00
350	-15.0000	GY	0.00	3.00
351	-15.0000	GY	0.00	3.00
352	-15.0000	GY	0.00	3.00
353	-15.0000	GY	0.00	3.00
354	-15.0000	GY	0.00	3.00
355	-15.0000	GY	0.00	3.00
356	-15.0000	GY	0.00	3.00
357	-15.0000	GY	0.00	3.00
358	-15.0000	GY	0.00	3.00
359	-15.0000	GY	0.00	3.00
360	-15.0000	GY	0.00	3.00
361	-15.0000	GY	0.00	3.00
362	-15.0000	GY	0.00	3.00
363	-15.0000	GY	0.00	3.00
364	-15.0000	GY	0.00	3.00
365	-15.0000	GY	0.00	3.00
366	-15.0000	GY	0.00	3.00
367	-15.0000	GY	0.00	3.00
368	-15.0000	GY	0.00	3.00
369	-15.0000	GY	0.00	3.00
370	-15.0000	GY	0.00	3.00
371	-15.0000	GY	0.00	3.00
372	-15.0000	GY	0.00	3.00
373	-15.0000	GY	0.00	3.00
374	-15.0000	GY	0.00	3.00
375	-15.0000	GY	0.00	3.00
376	-15.0000	GY	0.00	3.00
377	-15.0000	GY	0.00	3.00
378	-15.0000	GY	0.00	3.00
379	-15.0000	GY	0.00	3.00
380	-15.0000	GY	0.00	3.00
381	-15.0000	GY	0.00	3.00
382	-15.0000	GY	0.00	3.00
383	-15.0000	GY	0.00	3.00
384	-15.0000	GY	0.00	3.00
385	-15.0000	GY	0.00	3.00
386	-15.0000	GY	0.00	3.00
387	-15.0000	GY	0.00	3.00
388	-15.0000	GY	0.00	3.00
389	-15.0000	GY	0.00	3.00
390	-15.0000	GY	0.00	3.00

LOADING 8 LOADTYPE LIVE REDUCIBLE TITLE LL

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STAAD SPACE

-- PAGE NO. 125

## MEMBER LOAD - UNIT KN      METE

MEMBER	UDL	L1	L2	CON	L	LIN1	LIN2
1				-0.0703 GY	0.12		
1				-0.2109 GY	0.29		
1				-0.3516 GY	0.47		
1				-0.4922 GY	0.66		
1				-0.6328 GY	0.85		
1				-0.7734 GY	1.03		
1				-0.9141 GY	1.22		
1				-1.0547 GY	1.41		
1				-1.0547 GY	1.59		
1				-0.9141 GY	1.78		
1				-0.7734 GY	1.97		
1				-0.6328 GY	2.15		
1				-0.4922 GY	2.34		
1				-0.3516 GY	2.53		
1				-0.2109 GY	2.71		
1				-0.0703 GY	2.88		
272				-0.0703 GY	0.12		
272				-0.2109 GY	0.29		
272				-0.3516 GY	0.47		
272				-0.4922 GY	0.66		
272				-0.6328 GY	0.85		
272				-0.7734 GY	1.03		
272				-0.9141 GY	1.22		
272				-1.0547 GY	1.41		
272				-1.0547 GY	1.59		
272				-0.9141 GY	1.78		
272				-0.7734 GY	1.97		
272				-0.6328 GY	2.15		
272				-0.4922 GY	2.34		
272				-0.3516 GY	2.53		
272				-0.2109 GY	2.71		
272				-0.0703 GY	2.88		
55				-0.0703 GY	0.12		
55				-0.2109 GY	0.29		
55				-0.3516 GY	0.47		
55				-0.4922 GY	0.66		
55				-0.6328 GY	0.85		
55				-0.7734 GY	1.03		
55				-0.9141 GY	1.22		
55				-1.0547 GY	1.41		
55				-1.0547 GY	1.59		
55				-0.9141 GY	1.78		
55				-0.7734 GY	1.97		
55				-0.6328 GY	2.15		
55				-0.4922 GY	2.34		
55				-0.3516 GY	2.53		
55				-0.2109 GY	2.71		
55				-0.0703 GY	2.88		
271				-0.0703 GY	0.12		
271				-0.2109 GY	0.29		

STAAD SPACE

-- PAGE NO. 126

271	-0.3516 GY	0.47
271	-0.4922 GY	0.66
271	-0.6328 GY	0.85
271	-0.7734 GY	1.03
271	-0.9141 GY	1.22
271	-1.0547 GY	1.41
271	-1.0547 GY	1.59
271	-0.9141 GY	1.78
271	-0.7734 GY	1.97
271	-0.6328 GY	2.15
271	-0.4922 GY	2.34
271	-0.3516 GY	2.53
271	-0.2109 GY	2.71
271	-0.0703 GY	2.88
2	-0.0703 GY	0.12
2	-0.2109 GY	0.29
2	-0.3516 GY	0.47
2	-0.4922 GY	0.66
2	-0.6328 GY	0.85
2	-0.7734 GY	1.03
2	-0.9141 GY	1.22
2	-1.0547 GY	1.41
2	-1.0547 GY	1.59
2	-0.9141 GY	1.78
2	-0.7734 GY	1.97
2	-0.6328 GY	2.15
2	-0.4922 GY	2.34
2	-0.3516 GY	2.53
2	-0.2109 GY	2.71
2	-0.0703 GY	2.88
273	-0.0703 GY	0.12
273	-0.2109 GY	0.29
273	-0.3516 GY	0.47
273	-0.4922 GY	0.66
273	-0.6328 GY	0.85
273	-0.7734 GY	1.03
273	-0.9141 GY	1.22
273	-1.0547 GY	1.41
273	-1.0547 GY	1.59
273	-0.9141 GY	1.78
273	-0.7734 GY	1.97
273	-0.6328 GY	2.15
273	-0.4922 GY	2.34
273	-0.3516 GY	2.53
273	-0.2109 GY	2.71
273	-0.0703 GY	2.88
56	-0.0703 GY	0.12
56	-0.2109 GY	0.29
56	-0.3516 GY	0.47
56	-0.4922 GY	0.66
56	-0.6328 GY	0.85
56	-0.7734 GY	1.03
56	-0.9141 GY	1.22
56	-1.0547 GY	1.41
56	-1.0547 GY	1.59
56	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 127

56	-0.7734 GY	1.97
56	-0.6328 GY	2.15
56	-0.4922 GY	2.34
56	-0.3516 GY	2.53
56	-0.2109 GY	2.71
56	-0.0703 GY	2.88
272	-0.0703 GY	0.12
272	-0.2109 GY	0.29
272	-0.3516 GY	0.47
272	-0.4922 GY	0.66
272	-0.6328 GY	0.85
272	-0.7734 GY	1.03
272	-0.9141 GY	1.22
272	-1.0547 GY	1.41
272	-1.0547 GY	1.59
272	-0.9141 GY	1.78
272	-0.7734 GY	1.97
272	-0.6328 GY	2.15
272	-0.4922 GY	2.34
272	-0.3516 GY	2.53
272	-0.2109 GY	2.71
272	-0.0703 GY	2.88
3	-0.0703 GY	0.13
3	-0.2109 GY	0.29
3	-0.3516 GY	0.48
3	-0.4922 GY	0.66
3	-0.6328 GY	0.85
3	-0.7734 GY	1.03
3	-0.9141 GY	1.22
3	-1.0547 GY	1.41
3	-1.0547 GY	1.59
3	-0.9141 GY	1.78
3	-0.7734 GY	1.97
3	-0.6328 GY	2.15
3	-0.4922 GY	2.34
3	-0.3516 GY	2.53
3	-0.2109 GY	2.71
3	-0.0703 GY	2.88
274	-0.0703 GY	0.12
274	-0.2109 GY	0.29
274	-0.3516 GY	0.47
274	-0.4922 GY	0.66
274	-0.6328 GY	0.85
274	-0.7734 GY	1.03
274	-0.9141 GY	1.22
274	-1.0547 GY	1.41
274	-1.0547 GY	1.59
274	-0.9141 GY	1.78
274	-0.7734 GY	1.97
274	-0.6328 GY	2.15
274	-0.4922 GY	2.34
274	-0.3516 GY	2.53
274	-0.2109 GY	2.71
274	-0.0703 GY	2.88
57	-0.0703 GY	0.13
57	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 128

57	-0.3516 GY	0.48
57	-0.4922 GY	0.66
57	-0.6328 GY	0.85
57	-0.7734 GY	1.03
57	-0.9141 GY	1.22
57	-1.0547 GY	1.41
57	-1.0547 GY	1.59
57	-0.9141 GY	1.78
57	-0.7734 GY	1.97
57	-0.6328 GY	2.15
57	-0.4922 GY	2.34
57	-0.3516 GY	2.53
57	-0.2109 GY	2.71
57	-0.0703 GY	2.88
273	-0.0703 GY	0.12
273	-0.2109 GY	0.29
273	-0.3516 GY	0.47
273	-0.4922 GY	0.66
273	-0.6328 GY	0.85
273	-0.7734 GY	1.03
273	-0.9141 GY	1.22
273	-1.0547 GY	1.41
273	-1.0547 GY	1.59
273	-0.9141 GY	1.78
273	-0.7734 GY	1.97
273	-0.6328 GY	2.15
273	-0.4922 GY	2.34
273	-0.3516 GY	2.53
273	-0.2109 GY	2.71
273	-0.0703 GY	2.88
4	-0.0703 GY	0.12
4	-0.2109 GY	0.29
4	-0.3516 GY	0.47
4	-0.4922 GY	0.66
4	-0.6328 GY	0.85
4	-0.7734 GY	1.03
4	-0.9141 GY	1.22
4	-1.0547 GY	1.41
4	-1.0547 GY	1.59
4	-0.9141 GY	1.78
4	-0.7734 GY	1.97
4	-0.6328 GY	2.15
4	-0.4922 GY	2.34
4	-0.3516 GY	2.52
4	-0.2109 GY	2.71
4	-0.0703 GY	2.87
275	-0.0703 GY	0.12
275	-0.2109 GY	0.29
275	-0.3516 GY	0.47
275	-0.4922 GY	0.66
275	-0.6328 GY	0.85
275	-0.7734 GY	1.03
275	-0.9141 GY	1.22
275	-1.0547 GY	1.41
275	-1.0547 GY	1.59
275	-0.9141 GY	1.78



STAAD SPACE

-- PAGE NO. 129

275	-0.7734 GY	1.97
275	-0.6328 GY	2.15
275	-0.4922 GY	2.34
275	-0.3516 GY	2.53
275	-0.2109 GY	2.71
275	-0.0703 GY	2.88
58	-0.0703 GY	0.12
58	-0.2109 GY	0.29
58	-0.3516 GY	0.47
58	-0.4922 GY	0.66
58	-0.6328 GY	0.85
58	-0.7734 GY	1.03
58	-0.9141 GY	1.22
58	-1.0547 GY	1.41
58	-1.0547 GY	1.59
58	-0.9141 GY	1.78
58	-0.7734 GY	1.97
58	-0.6328 GY	2.15
58	-0.4922 GY	2.34
58	-0.3516 GY	2.52
58	-0.2109 GY	2.71
58	-0.0703 GY	2.87
274	-0.0703 GY	0.12
274	-0.2109 GY	0.29
274	-0.3516 GY	0.47
274	-0.4922 GY	0.66
274	-0.6328 GY	0.85
274	-0.7734 GY	1.03
274	-0.9141 GY	1.22
274	-1.0547 GY	1.41
274	-1.0547 GY	1.59
274	-0.9141 GY	1.78
274	-0.7734 GY	1.97
274	-0.6328 GY	2.15
274	-0.4922 GY	2.34
274	-0.3516 GY	2.53
274	-0.2109 GY	2.71
274	-0.0703 GY	2.88
55	-0.0703 GY	0.12
55	-0.2109 GY	0.29
55	-0.3516 GY	0.47
55	-0.4922 GY	0.66
55	-0.6328 GY	0.85
55	-0.7734 GY	1.03
55	-0.9141 GY	1.22
55	-1.0547 GY	1.41
55	-1.0547 GY	1.59
55	-0.9141 GY	1.78
55	-0.7734 GY	1.97
55	-0.6328 GY	2.15
55	-0.4922 GY	2.34
55	-0.3516 GY	2.53
55	-0.2109 GY	2.71
55	-0.0703 GY	2.88
302	-0.0703 GY	0.12
302	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 130

302	-0.3516	GY	0.47
302	-0.4922	GY	0.66
302	-0.6328	GY	0.85
302	-0.7734	GY	1.03
302	-0.9141	GY	1.22
302	-1.0547	GY	1.41
302	-1.0547	GY	1.59
302	-0.9141	GY	1.78
302	-0.7734	GY	1.97
302	-0.6328	GY	2.15
302	-0.4922	GY	2.34
302	-0.3516	GY	2.53
302	-0.2109	GY	2.71
302	-0.0703	GY	2.88
109	-0.0703	GY	0.12
109	-0.2109	GY	0.29
109	-0.3516	GY	0.47
109	-0.4922	GY	0.66
109	-0.6328	GY	0.85
109	-0.7734	GY	1.03
109	-0.9141	GY	1.22
109	-1.0547	GY	1.41
109	-1.0547	GY	1.59
109	-0.9141	GY	1.78
109	-0.7734	GY	1.97
109	-0.6328	GY	2.15
109	-0.4922	GY	2.34
109	-0.3516	GY	2.53
109	-0.2109	GY	2.71
109	-0.0703	GY	2.88
301	-0.0703	GY	0.12
301	-0.2109	GY	0.29
301	-0.3516	GY	0.47
301	-0.4922	GY	0.66
301	-0.6328	GY	0.85
301	-0.7734	GY	1.03
301	-0.9141	GY	1.22
301	-1.0547	GY	1.41
301	-1.0547	GY	1.59
301	-0.9141	GY	1.78
301	-0.7734	GY	1.97
301	-0.6328	GY	2.15
301	-0.4922	GY	2.34
301	-0.3516	GY	2.53
301	-0.2109	GY	2.71
301	-0.0703	GY	2.88
56	-0.0703	GY	0.12
56	-0.2109	GY	0.29
56	-0.3516	GY	0.47
56	-0.4922	GY	0.66
56	-0.6328	GY	0.85
56	-0.7734	GY	1.03
56	-0.9141	GY	1.22
56	-1.0547	GY	1.41
56	-1.0547	GY	1.59
56	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 131

56	-0.7734 GY	1.97
56	-0.6328 GY	2.15
56	-0.4922 GY	2.34
56	-0.3516 GY	2.53
56	-0.2109 GY	2.71
56	-0.0703 GY	2.88
303	-0.0703 GY	0.12
303	-0.2109 GY	0.29
303	-0.3516 GY	0.47
303	-0.4922 GY	0.66
303	-0.6328 GY	0.85
303	-0.7734 GY	1.03
303	-0.9141 GY	1.22
303	-1.0547 GY	1.41
303	-1.0547 GY	1.59
303	-0.9141 GY	1.78
303	-0.7734 GY	1.97
303	-0.6328 GY	2.15
303	-0.4922 GY	2.34
303	-0.3516 GY	2.53
303	-0.2109 GY	2.71
303	-0.0703 GY	2.88
110	-0.0703 GY	0.12
110	-0.2109 GY	0.29
110	-0.3516 GY	0.47
110	-0.4922 GY	0.66
110	-0.6328 GY	0.85
110	-0.7734 GY	1.03
110	-0.9141 GY	1.22
110	-1.0547 GY	1.41
110	-1.0547 GY	1.59
110	-0.9141 GY	1.78
110	-0.7734 GY	1.97
110	-0.6328 GY	2.15
110	-0.4922 GY	2.34
110	-0.3516 GY	2.53
110	-0.2109 GY	2.71
110	-0.0703 GY	2.88
302	-0.0703 GY	0.12
302	-0.2109 GY	0.29
302	-0.3516 GY	0.47
302	-0.4922 GY	0.66
302	-0.6328 GY	0.85
302	-0.7734 GY	1.03
302	-0.9141 GY	1.22
302	-1.0547 GY	1.41
302	-1.0547 GY	1.59
302	-0.9141 GY	1.78
302	-0.7734 GY	1.97
302	-0.6328 GY	2.15
302	-0.4922 GY	2.34
302	-0.3516 GY	2.53
302	-0.2109 GY	2.71
302	-0.0703 GY	2.88
57	-0.0703 GY	0.13
57	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 132

57	-0.3516	GY	0.48
57	-0.4922	GY	0.66
57	-0.6328	GY	0.85
57	-0.7734	GY	1.03
57	-0.9141	GY	1.22
57	-1.0547	GY	1.41
57	-1.0547	GY	1.59
57	-0.9141	GY	1.78
57	-0.7734	GY	1.97
57	-0.6328	GY	2.15
57	-0.4922	GY	2.34
57	-0.3516	GY	2.53
57	-0.2109	GY	2.71
57	-0.0703	GY	2.88
304	-0.0703	GY	0.12
304	-0.2109	GY	0.29
304	-0.3516	GY	0.47
304	-0.4922	GY	0.66
304	-0.6328	GY	0.85
304	-0.7734	GY	1.03
304	-0.9141	GY	1.22
304	-1.0547	GY	1.41
304	-1.0547	GY	1.59
304	-0.9141	GY	1.78
304	-0.7734	GY	1.97
304	-0.6328	GY	2.15
304	-0.4922	GY	2.34
304	-0.3516	GY	2.53
304	-0.2109	GY	2.71
304	-0.0703	GY	2.88
111	-0.0703	GY	0.13
111	-0.2109	GY	0.29
111	-0.3516	GY	0.48
111	-0.4922	GY	0.66
111	-0.6328	GY	0.85
111	-0.7734	GY	1.03
111	-0.9141	GY	1.22
111	-1.0547	GY	1.41
111	-1.0547	GY	1.59
111	-0.9141	GY	1.78
111	-0.7734	GY	1.97
111	-0.6328	GY	2.15
111	-0.4922	GY	2.34
111	-0.3516	GY	2.53
111	-0.2109	GY	2.71
111	-0.0703	GY	2.88
303	-0.0703	GY	0.12
303	-0.2109	GY	0.29
303	-0.3516	GY	0.47
303	-0.4922	GY	0.66
303	-0.6328	GY	0.85
303	-0.7734	GY	1.03
303	-0.9141	GY	1.22
303	-1.0547	GY	1.41
303	-1.0547	GY	1.59
303	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 133

303	-0.7734 GY	1.97
303	-0.6328 GY	2.15
303	-0.4922 GY	2.34
303	-0.3516 GY	2.53
303	-0.2109 GY	2.71
303	-0.0703 GY	2.88
58	-0.0703 GY	0.12
58	-0.2109 GY	0.29
58	-0.3516 GY	0.47
58	-0.4922 GY	0.66
58	-0.6328 GY	0.85
58	-0.7734 GY	1.03
58	-0.9141 GY	1.22
58	-1.0547 GY	1.41
58	-1.0547 GY	1.59
58	-0.9141 GY	1.78
58	-0.7734 GY	1.97
58	-0.6328 GY	2.15
58	-0.4922 GY	2.34
58	-0.3516 GY	2.52
58	-0.2109 GY	2.71
58	-0.0703 GY	2.87
305	-0.0703 GY	0.12
305	-0.2109 GY	0.29
305	-0.3516 GY	0.47
305	-0.4922 GY	0.66
305	-0.6328 GY	0.85
305	-0.7734 GY	1.03
305	-0.9141 GY	1.22
305	-1.0547 GY	1.41
305	-1.0547 GY	1.59
305	-0.9141 GY	1.78
305	-0.7734 GY	1.97
305	-0.6328 GY	2.15
305	-0.4922 GY	2.34
305	-0.3516 GY	2.53
305	-0.2109 GY	2.71
305	-0.0703 GY	2.88
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112	-0.2109 GY	0.29
112	-0.3516 GY	0.47
112	-0.4922 GY	0.66
112	-0.6328 GY	0.85
112	-0.7734 GY	1.03
112	-0.9141 GY	1.22
112	-1.0547 GY	1.41
112	-1.0547 GY	1.59
112	-0.9141 GY	1.78
112	-0.7734 GY	1.97
112	-0.6328 GY	2.15
112	-0.4922 GY	2.34
112	-0.3516 GY	2.52
112	-0.2109 GY	2.71
112	-0.0703 GY	2.87
304	-0.0703 GY	0.12
304	-0.2109 GY	0.29

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-- PAGE NO. 134

304	-0.3516 GY	0.47
304	-0.4922 GY	0.66
304	-0.6328 GY	0.85
304	-0.7734 GY	1.03
304	-0.9141 GY	1.22
304	-1.0547 GY	1.41
304	-1.0547 GY	1.59
304	-0.9141 GY	1.78
304	-0.7734 GY	1.97
304	-0.6328 GY	2.15
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304	-0.3516 GY	2.53
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304	-0.0703 GY	2.88
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109	-0.2109 GY	0.29
109	-0.3516 GY	0.47
109	-0.4922 GY	0.66
109	-0.6328 GY	0.85
109	-0.7734 GY	1.03
109	-0.9141 GY	1.22
109	-1.0547 GY	1.41
109	-1.0547 GY	1.59
109	-0.9141 GY	1.78
109	-0.7734 GY	1.97
109	-0.6328 GY	2.15
109	-0.4922 GY	2.34
109	-0.3516 GY	2.53
109	-0.2109 GY	2.71
109	-0.0703 GY	2.88
332	-0.0703 GY	0.13
332	-0.2109 GY	0.29
332	-0.3516 GY	0.48
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332	-0.6328 GY	0.85
332	-0.7734 GY	1.03
332	-0.9141 GY	1.22
332	-1.0547 GY	1.41
332	-1.0547 GY	1.59
332	-0.9141 GY	1.78
332	-0.7734 GY	1.97
332	-0.6328 GY	2.15
332	-0.4922 GY	2.34
332	-0.3516 GY	2.53
332	-0.2109 GY	2.71
332	-0.0703 GY	2.88
163	-0.0703 GY	0.12
163	-0.2109 GY	0.29
163	-0.3516 GY	0.47
163	-0.4922 GY	0.66
163	-0.6328 GY	0.85
163	-0.7734 GY	1.03
163	-0.9141 GY	1.22
163	-1.0547 GY	1.41
163	-1.0547 GY	1.59
163	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 135

163	-0.7734 GY	1.97
163	-0.6328 GY	2.15
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163	-0.3516 GY	2.53
163	-0.2109 GY	2.71
163	-0.0703 GY	2.88
331	-0.0703 GY	0.13
331	-0.2109 GY	0.29
331	-0.3516 GY	0.48
331	-0.4922 GY	0.66
331	-0.6328 GY	0.85
331	-0.7734 GY	1.03
331	-0.9141 GY	1.22
331	-1.0547 GY	1.41
331	-1.0547 GY	1.59
331	-0.9141 GY	1.78
331	-0.7734 GY	1.97
331	-0.6328 GY	2.15
331	-0.4922 GY	2.34
331	-0.3516 GY	2.53
331	-0.2109 GY	2.71
331	-0.0703 GY	2.88
110	-0.0703 GY	0.12
110	-0.2109 GY	0.29
110	-0.3516 GY	0.47
110	-0.4922 GY	0.66
110	-0.6328 GY	0.85
110	-0.7734 GY	1.03
110	-0.9141 GY	1.22
110	-1.0547 GY	1.41
110	-1.0547 GY	1.59
110	-0.9141 GY	1.78
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110	-0.6328 GY	2.15
110	-0.4922 GY	2.34
110	-0.3516 GY	2.53
110	-0.2109 GY	2.71
110	-0.0703 GY	2.88
333	-0.0703 GY	0.13
333	-0.2109 GY	0.29
333	-0.3516 GY	0.48
333	-0.4922 GY	0.66
333	-0.6328 GY	0.85
333	-0.7734 GY	1.03
333	-0.9141 GY	1.22
333	-1.0547 GY	1.41
333	-1.0547 GY	1.59
333	-0.9141 GY	1.78
333	-0.7734 GY	1.97
333	-0.6328 GY	2.15
333	-0.4922 GY	2.34
333	-0.3516 GY	2.53
333	-0.2109 GY	2.71
333	-0.0703 GY	2.88
164	-0.0703 GY	0.12
164	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 136

164	-0.3516 GY	0.47
164	-0.4922 GY	0.66
164	-0.6328 GY	0.85
164	-0.7734 GY	1.03
164	-0.9141 GY	1.22
164	-1.0547 GY	1.41
164	-1.0547 GY	1.59
164	-0.9141 GY	1.78
164	-0.7734 GY	1.97
164	-0.6328 GY	2.15
164	-0.4922 GY	2.34
164	-0.3516 GY	2.53
164	-0.2109 GY	2.71
164	-0.0703 GY	2.88
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332	-0.2109 GY	0.29
332	-0.3516 GY	0.48
332	-0.4922 GY	0.66
332	-0.6328 GY	0.85
332	-0.7734 GY	1.03
332	-0.9141 GY	1.22
332	-1.0547 GY	1.41
332	-1.0547 GY	1.59
332	-0.9141 GY	1.78
332	-0.7734 GY	1.97
332	-0.6328 GY	2.15
332	-0.4922 GY	2.34
332	-0.3516 GY	2.53
332	-0.2109 GY	2.71
332	-0.0703 GY	2.88
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111	-0.6328 GY	0.85
111	-0.7734 GY	1.03
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111	-1.0547 GY	1.41
111	-1.0547 GY	1.59
111	-0.9141 GY	1.78
111	-0.7734 GY	1.97
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111	-0.3516 GY	2.53
111	-0.2109 GY	2.71
111	-0.0703 GY	2.88
334	-0.0703 GY	0.13
334	-0.2109 GY	0.29
334	-0.3516 GY	0.48
334	-0.4922 GY	0.66
334	-0.6328 GY	0.85
334	-0.7734 GY	1.03
334	-0.9141 GY	1.22
334	-1.0547 GY	1.41
334	-1.0547 GY	1.59
334	-0.9141 GY	1.78



STAAD SPACE

-- PAGE NO. 137

334	-0.7734 GY	1.97
334	-0.6328 GY	2.15
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334	-0.3516 GY	2.53
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334	-0.0703 GY	2.88
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165	-0.6328 GY	0.85
165	-0.7734 GY	1.03
165	-0.9141 GY	1.22
165	-1.0547 GY	1.41
165	-1.0547 GY	1.59
165	-0.9141 GY	1.78
165	-0.7734 GY	1.97
165	-0.6328 GY	2.15
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165	-0.3516 GY	2.53
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333	-0.6328 GY	0.85
333	-0.7734 GY	1.03
333	-0.9141 GY	1.22
333	-1.0547 GY	1.41
333	-1.0547 GY	1.59
333	-0.9141 GY	1.78
333	-0.7734 GY	1.97
333	-0.6328 GY	2.15
333	-0.4922 GY	2.34
333	-0.3516 GY	2.53
333	-0.2109 GY	2.71
333	-0.0703 GY	2.88
112	-0.0703 GY	0.12
112	-0.2109 GY	0.29
112	-0.3516 GY	0.47
112	-0.4922 GY	0.66
112	-0.6328 GY	0.85
112	-0.7734 GY	1.03
112	-0.9141 GY	1.22
112	-1.0547 GY	1.41
112	-1.0547 GY	1.59
112	-0.9141 GY	1.78
112	-0.7734 GY	1.97
112	-0.6328 GY	2.15
112	-0.4922 GY	2.34
112	-0.3516 GY	2.52
112	-0.2109 GY	2.71
112	-0.0703 GY	2.87
335	-0.0703 GY	0.13
335	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 138

335	-0.3516 GY	0.48
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335	-0.6328 GY	0.85
335	-0.7734 GY	1.03
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335	-1.0547 GY	1.41
335	-1.0547 GY	1.59
335	-0.9141 GY	1.78
335	-0.7734 GY	1.97
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335	-0.4922 GY	2.34
335	-0.3516 GY	2.53
335	-0.2109 GY	2.71
335	-0.0703 GY	2.88
166	-0.0703 GY	0.12
166	-0.2109 GY	0.29
166	-0.3516 GY	0.47
166	-0.4922 GY	0.66
166	-0.6328 GY	0.85
166	-0.7734 GY	1.03
166	-0.9141 GY	1.22
166	-1.0547 GY	1.41
166	-1.0547 GY	1.59
166	-0.9141 GY	1.78
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166	-0.6328 GY	2.15
166	-0.4922 GY	2.34
166	-0.3516 GY	2.52
166	-0.2109 GY	2.71
166	-0.0703 GY	2.87
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334	-0.2109 GY	0.29
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334	-0.4922 GY	0.66
334	-0.6328 GY	0.85
334	-0.7734 GY	1.03
334	-0.9141 GY	1.22
334	-1.0547 GY	1.41
334	-1.0547 GY	1.59
334	-0.9141 GY	1.78
334	-0.7734 GY	1.97
334	-0.6328 GY	2.15
334	-0.4922 GY	2.34
334	-0.3516 GY	2.53
334	-0.2109 GY	2.71
334	-0.0703 GY	2.88
163	-0.0703 GY	0.12
163	-0.2109 GY	0.29
163	-0.3516 GY	0.47
163	-0.4922 GY	0.66
163	-0.6328 GY	0.85
163	-0.7734 GY	1.03
163	-0.9141 GY	1.22
163	-1.0547 GY	1.41
163	-1.0547 GY	1.59
163	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 139

163	-0.7734 GY	1.97
163	-0.6328 GY	2.15
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163	-0.3516 GY	2.53
163	-0.2109 GY	2.71
163	-0.0703 GY	2.88
362	-0.0703 GY	0.12
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362	-0.4922 GY	0.66
362	-0.6328 GY	0.85
362	-0.7734 GY	1.03
362	-0.9141 GY	1.22
362	-1.0547 GY	1.41
362	-1.0547 GY	1.59
362	-0.9141 GY	1.78
362	-0.7734 GY	1.97
362	-0.6328 GY	2.15
362	-0.4922 GY	2.34
362	-0.3516 GY	2.52
362	-0.2109 GY	2.71
362	-0.0703 GY	2.87
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217	-0.2109 GY	0.29
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217	-0.6328 GY	0.85
217	-0.7734 GY	1.03
217	-0.9141 GY	1.22
217	-1.0547 GY	1.41
217	-1.0547 GY	1.59
217	-0.9141 GY	1.78
217	-0.7734 GY	1.97
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217	-0.3516 GY	2.53
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217	-0.0703 GY	2.88
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361	-0.4922 GY	0.66
361	-0.6328 GY	0.85
361	-0.7734 GY	1.03
361	-0.9141 GY	1.22
361	-1.0547 GY	1.41
361	-1.0547 GY	1.59
361	-0.9141 GY	1.78
361	-0.7734 GY	1.97
361	-0.6328 GY	2.15
361	-0.4922 GY	2.34
361	-0.3516 GY	2.52
361	-0.2109 GY	2.71
361	-0.0703 GY	2.87
164	-0.0703 GY	0.12
164	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 140

164	-0.3516 GY	0.47
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164	-0.6328 GY	0.85
164	-0.7734 GY	1.03
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164	-1.0547 GY	1.41
164	-1.0547 GY	1.59
164	-0.9141 GY	1.78
164	-0.7734 GY	1.97
164	-0.6328 GY	2.15
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164	-0.3516 GY	2.53
164	-0.2109 GY	2.71
164	-0.0703 GY	2.88
363	-0.0703 GY	0.12
363	-0.2109 GY	0.29
363	-0.3516 GY	0.47
363	-0.4922 GY	0.66
363	-0.6328 GY	0.85
363	-0.7734 GY	1.03
363	-0.9141 GY	1.22
363	-1.0547 GY	1.41
363	-1.0547 GY	1.59
363	-0.9141 GY	1.78
363	-0.7734 GY	1.97
363	-0.6328 GY	2.15
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363	-0.3516 GY	2.52
363	-0.2109 GY	2.71
363	-0.0703 GY	2.87
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218	-0.6328 GY	0.85
218	-0.7734 GY	1.03
218	-0.9141 GY	1.22
218	-1.0547 GY	1.41
218	-1.0547 GY	1.59
218	-0.9141 GY	1.78
218	-0.7734 GY	1.97
218	-0.6328 GY	2.15
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218	-0.3516 GY	2.53
218	-0.2109 GY	2.71
218	-0.0703 GY	2.88
362	-0.0703 GY	0.12
362	-0.2109 GY	0.29
362	-0.3516 GY	0.47
362	-0.4922 GY	0.66
362	-0.6328 GY	0.85
362	-0.7734 GY	1.03
362	-0.9141 GY	1.22
362	-1.0547 GY	1.41
362	-1.0547 GY	1.59
362	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 141

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362	-0.3516 GY	2.52
362	-0.2109 GY	2.71
362	-0.0703 GY	2.87
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165	-0.2109 GY	0.29
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165	-0.4922 GY	0.66
165	-0.6328 GY	0.85
165	-0.7734 GY	1.03
165	-0.9141 GY	1.22
165	-1.0547 GY	1.41
165	-1.0547 GY	1.59
165	-0.9141 GY	1.78
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165	-0.4922 GY	2.34
165	-0.3516 GY	2.53
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165	-0.0703 GY	2.88
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364	-0.6328 GY	0.85
364	-0.7734 GY	1.03
364	-0.9141 GY	1.22
364	-1.0547 GY	1.41
364	-1.0547 GY	1.59
364	-0.9141 GY	1.78
364	-0.7734 GY	1.97
364	-0.6328 GY	2.15
364	-0.4922 GY	2.34
364	-0.3516 GY	2.52
364	-0.2109 GY	2.71
364	-0.0703 GY	2.87
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219	-0.4922 GY	0.66
219	-0.6328 GY	0.85
219	-0.7734 GY	1.03
219	-0.9141 GY	1.22
219	-1.0547 GY	1.41
219	-1.0547 GY	1.59
219	-0.9141 GY	1.78
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219	-0.4922 GY	2.34
219	-0.3516 GY	2.53
219	-0.2109 GY	2.71
219	-0.0703 GY	2.88
363	-0.0703 GY	0.12
363	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 142

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363	-0.6328 GY	0.85
363	-0.7734 GY	1.03
363	-0.9141 GY	1.22
363	-1.0547 GY	1.41
363	-1.0547 GY	1.59
363	-0.9141 GY	1.78
363	-0.7734 GY	1.97
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363	-0.3516 GY	2.52
363	-0.2109 GY	2.71
363	-0.0703 GY	2.87
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166	-0.3516 GY	0.47
166	-0.4922 GY	0.66
166	-0.6328 GY	0.85
166	-0.7734 GY	1.03
166	-0.9141 GY	1.22
166	-1.0547 GY	1.41
166	-1.0547 GY	1.59
166	-0.9141 GY	1.78
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166	-0.3516 GY	2.52
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166	-0.0703 GY	2.87
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365	-0.2109 GY	0.29
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365	-0.4922 GY	0.66
365	-0.6328 GY	0.85
365	-0.7734 GY	1.03
365	-0.9141 GY	1.22
365	-1.0547 GY	1.41
365	-1.0547 GY	1.59
365	-0.9141 GY	1.78
365	-0.7734 GY	1.97
365	-0.6328 GY	2.15
365	-0.4922 GY	2.34
365	-0.3516 GY	2.52
365	-0.2109 GY	2.71
365	-0.0703 GY	2.87
220	-0.0703 GY	0.12
220	-0.2109 GY	0.29
220	-0.3516 GY	0.47
220	-0.4922 GY	0.66
220	-0.6328 GY	0.85
220	-0.7734 GY	1.03
220	-0.9141 GY	1.22
220	-1.0547 GY	1.41
220	-1.0547 GY	1.59
220	-0.9141 GY	1.78

STAAD SPACE

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220	-0.7734 GY	1.97
220	-0.6328 GY	2.15
220	-0.4922 GY	2.34
220	-0.3516 GY	2.52
220	-0.2109 GY	2.71
220	-0.0703 GY	2.87
364	-0.0703 GY	0.12
364	-0.2109 GY	0.29
364	-0.3516 GY	0.47
364	-0.4922 GY	0.66
364	-0.6328 GY	0.85
364	-0.7734 GY	1.03
364	-0.9141 GY	1.22
364	-1.0547 GY	1.41
364	-1.0547 GY	1.59
364	-0.9141 GY	1.78
364	-0.7734 GY	1.97
364	-0.6328 GY	2.15
364	-0.4922 GY	2.34
364	-0.3516 GY	2.52
364	-0.2109 GY	2.71
364	-0.0703 GY	2.87
5	-0.0703 GY	0.12
5	-0.2109 GY	0.29
5	-0.3516 GY	0.47
5	-0.4922 GY	0.66
5	-0.6328 GY	0.85
5	-0.7734 GY	1.03
5	-0.9141 GY	1.22
5	-1.0547 GY	1.41
5	-1.0547 GY	1.59
5	-0.9141 GY	1.78
5	-0.7734 GY	1.97
5	-0.6328 GY	2.15
5	-0.4922 GY	2.34
5	-0.3516 GY	2.53
5	-0.2109 GY	2.71
5	-0.0703 GY	2.88
277	-0.0703 GY	0.12
277	-0.2109 GY	0.29
277	-0.3516 GY	0.47
277	-0.4922 GY	0.66
277	-0.6328 GY	0.85
277	-0.7734 GY	1.03
277	-0.9141 GY	1.22
277	-1.0547 GY	1.41
277	-1.0547 GY	1.59
277	-0.9141 GY	1.78
277	-0.7734 GY	1.97
277	-0.6328 GY	2.15
277	-0.4922 GY	2.34
277	-0.3516 GY	2.53
277	-0.2109 GY	2.71
277	-0.0703 GY	2.88
59	-0.0703 GY	0.12
59	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 144

59	-0.3516 GY	0.47
59	-0.4922 GY	0.66
59	-0.6328 GY	0.85
59	-0.7734 GY	1.03
59	-0.9141 GY	1.22
59	-1.0547 GY	1.41
59	-1.0547 GY	1.59
59	-0.9141 GY	1.78
59	-0.7734 GY	1.97
59	-0.6328 GY	2.15
59	-0.4922 GY	2.34
59	-0.3516 GY	2.53
59	-0.2109 GY	2.71
59	-0.0703 GY	2.88
276	-0.0703 GY	0.12
276	-0.2109 GY	0.29
276	-0.3516 GY	0.47
276	-0.4922 GY	0.66
276	-0.6328 GY	0.85
276	-0.7734 GY	1.03
276	-0.9141 GY	1.22
276	-1.0547 GY	1.41
276	-1.0547 GY	1.59
276	-0.9141 GY	1.78
276	-0.7734 GY	1.97
276	-0.6328 GY	2.15
276	-0.4922 GY	2.34
276	-0.3516 GY	2.53
276	-0.2109 GY	2.71
276	-0.0703 GY	2.88
6	-0.0703 GY	0.12
6	-0.2109 GY	0.29
6	-0.3516 GY	0.47
6	-0.4922 GY	0.66
6	-0.6328 GY	0.85
6	-0.7734 GY	1.03
6	-0.9141 GY	1.22
6	-1.0547 GY	1.41
6	-1.0547 GY	1.59
6	-0.9141 GY	1.78
6	-0.7734 GY	1.97
6	-0.6328 GY	2.15
6	-0.4922 GY	2.34
6	-0.3516 GY	2.53
6	-0.2109 GY	2.71
6	-0.0703 GY	2.88
278	-0.0703 GY	0.12
278	-0.2109 GY	0.29
278	-0.3516 GY	0.47
278	-0.4922 GY	0.66
278	-0.6328 GY	0.85
278	-0.7734 GY	1.03
278	-0.9141 GY	1.22
278	-1.0547 GY	1.41
278	-1.0547 GY	1.59
278	-0.9141 GY	1.78



STAAD SPACE

-- PAGE NO. 145

278	-0.7734 GY	1.97
278	-0.6328 GY	2.15
278	-0.4922 GY	2.34
278	-0.3516 GY	2.53
278	-0.2109 GY	2.71
278	-0.0703 GY	2.88
60	-0.0703 GY	0.12
60	-0.2109 GY	0.29
60	-0.3516 GY	0.47
60	-0.4922 GY	0.66
60	-0.6328 GY	0.85
60	-0.7734 GY	1.03
60	-0.9141 GY	1.22
60	-1.0547 GY	1.41
60	-1.0547 GY	1.59
60	-0.9141 GY	1.78
60	-0.7734 GY	1.97
60	-0.6328 GY	2.15
60	-0.4922 GY	2.34
60	-0.3516 GY	2.53
60	-0.2109 GY	2.71
60	-0.0703 GY	2.88
277	-0.0703 GY	0.12
277	-0.2109 GY	0.29
277	-0.3516 GY	0.47
277	-0.4922 GY	0.66
277	-0.6328 GY	0.85
277	-0.7734 GY	1.03
277	-0.9141 GY	1.22
277	-1.0547 GY	1.41
277	-1.0547 GY	1.59
277	-0.9141 GY	1.78
277	-0.7734 GY	1.97
277	-0.6328 GY	2.15
277	-0.4922 GY	2.34
277	-0.3516 GY	2.53
277	-0.2109 GY	2.71
277	-0.0703 GY	2.88
7	-0.0703 GY	0.13
7	-0.2109 GY	0.29
7	-0.3516 GY	0.48
7	-0.4922 GY	0.66
7	-0.6328 GY	0.85
7	-0.7734 GY	1.03
7	-0.9141 GY	1.22
7	-1.0547 GY	1.41
7	-1.0547 GY	1.59
7	-0.9141 GY	1.78
7	-0.7734 GY	1.97
7	-0.6328 GY	2.15
7	-0.4922 GY	2.34
7	-0.3516 GY	2.53
7	-0.2109 GY	2.71
7	-0.0703 GY	2.88
279	-0.0703 GY	0.12
279	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 146

279	-0.3516 GY	0.47
279	-0.4922 GY	0.66
279	-0.6328 GY	0.85
279	-0.7734 GY	1.03
279	-0.9141 GY	1.22
279	-1.0547 GY	1.41
279	-1.0547 GY	1.59
279	-0.9141 GY	1.78
279	-0.7734 GY	1.97
279	-0.6328 GY	2.15
279	-0.4922 GY	2.34
279	-0.3516 GY	2.53
279	-0.2109 GY	2.71
279	-0.0703 GY	2.88
61	-0.0703 GY	0.13
61	-0.2109 GY	0.29
61	-0.3516 GY	0.48
61	-0.4922 GY	0.66
61	-0.6328 GY	0.85
61	-0.7734 GY	1.03
61	-0.9141 GY	1.22
61	-1.0547 GY	1.41
61	-1.0547 GY	1.59
61	-0.9141 GY	1.78
61	-0.7734 GY	1.97
61	-0.6328 GY	2.15
61	-0.4922 GY	2.34
61	-0.3516 GY	2.53
61	-0.2109 GY	2.71
61	-0.0703 GY	2.88
278	-0.0703 GY	0.12
278	-0.2109 GY	0.29
278	-0.3516 GY	0.47
278	-0.4922 GY	0.66
278	-0.6328 GY	0.85
278	-0.7734 GY	1.03
278	-0.9141 GY	1.22
278	-1.0547 GY	1.41
278	-1.0547 GY	1.59
278	-0.9141 GY	1.78
278	-0.7734 GY	1.97
278	-0.6328 GY	2.15
278	-0.4922 GY	2.34
278	-0.3516 GY	2.53
278	-0.2109 GY	2.71
278	-0.0703 GY	2.88
8	-0.0703 GY	0.12
8	-0.2109 GY	0.29
8	-0.3516 GY	0.47
8	-0.4922 GY	0.66
8	-0.6328 GY	0.85
8	-0.7734 GY	1.03
8	-0.9141 GY	1.22
8	-1.0547 GY	1.41
8	-1.0547 GY	1.59
8	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 147

8	-0.7734 GY	1.97
8	-0.6328 GY	2.15
8	-0.4922 GY	2.34
8	-0.3516 GY	2.52
8	-0.2109 GY	2.71
8	-0.0703 GY	2.87
280	-0.0703 GY	0.12
280	-0.2109 GY	0.29
280	-0.3516 GY	0.47
280	-0.4922 GY	0.66
280	-0.6328 GY	0.85
280	-0.7734 GY	1.03
280	-0.9141 GY	1.22
280	-1.0547 GY	1.41
280	-1.0547 GY	1.59
280	-0.9141 GY	1.78
280	-0.7734 GY	1.97
280	-0.6328 GY	2.15
280	-0.4922 GY	2.34
280	-0.3516 GY	2.53
280	-0.2109 GY	2.71
280	-0.0703 GY	2.88
62	-0.0703 GY	0.12
62	-0.2109 GY	0.29
62	-0.3516 GY	0.47
62	-0.4922 GY	0.66
62	-0.6328 GY	0.85
62	-0.7734 GY	1.03
62	-0.9141 GY	1.22
62	-1.0547 GY	1.41
62	-1.0547 GY	1.59
62	-0.9141 GY	1.78
62	-0.7734 GY	1.97
62	-0.6328 GY	2.15
62	-0.4922 GY	2.34
62	-0.3516 GY	2.52
62	-0.2109 GY	2.71
62	-0.0703 GY	2.87
279	-0.0703 GY	0.12
279	-0.2109 GY	0.29
279	-0.3516 GY	0.47
279	-0.4922 GY	0.66
279	-0.6328 GY	0.85
279	-0.7734 GY	1.03
279	-0.9141 GY	1.22
279	-1.0547 GY	1.41
279	-1.0547 GY	1.59
279	-0.9141 GY	1.78
279	-0.7734 GY	1.97
279	-0.6328 GY	2.15
279	-0.4922 GY	2.34
279	-0.3516 GY	2.53
279	-0.2109 GY	2.71
279	-0.0703 GY	2.88
59	-0.0703 GY	0.12
59	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 148

59	-0.3516 GY	0.47
59	-0.4922 GY	0.66
59	-0.6328 GY	0.85
59	-0.7734 GY	1.03
59	-0.9141 GY	1.22
59	-1.0547 GY	1.41
59	-1.0547 GY	1.59
59	-0.9141 GY	1.78
59	-0.7734 GY	1.97
59	-0.6328 GY	2.15
59	-0.4922 GY	2.34
59	-0.3516 GY	2.53
59	-0.2109 GY	2.71
59	-0.0703 GY	2.88
307	-0.0703 GY	0.12
307	-0.2109 GY	0.29
307	-0.3516 GY	0.47
307	-0.4922 GY	0.66
307	-0.6328 GY	0.85
307	-0.7734 GY	1.03
307	-0.9141 GY	1.22
307	-1.0547 GY	1.41
307	-1.0547 GY	1.59
307	-0.9141 GY	1.78
307	-0.7734 GY	1.97
307	-0.6328 GY	2.15
307	-0.4922 GY	2.34
307	-0.3516 GY	2.53
307	-0.2109 GY	2.71
307	-0.0703 GY	2.88
113	-0.0703 GY	0.12
113	-0.2109 GY	0.29
113	-0.3516 GY	0.47
113	-0.4922 GY	0.66
113	-0.6328 GY	0.85
113	-0.7734 GY	1.03
113	-0.9141 GY	1.22
113	-1.0547 GY	1.41
113	-1.0547 GY	1.59
113	-0.9141 GY	1.78
113	-0.7734 GY	1.97
113	-0.6328 GY	2.15
113	-0.4922 GY	2.34
113	-0.3516 GY	2.53
113	-0.2109 GY	2.71
113	-0.0703 GY	2.88
306	-0.0703 GY	0.12
306	-0.2109 GY	0.29
306	-0.3516 GY	0.47
306	-0.4922 GY	0.66
306	-0.6328 GY	0.85
306	-0.7734 GY	1.03
306	-0.9141 GY	1.22
306	-1.0547 GY	1.41
306	-1.0547 GY	1.59
306	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 149

306	-0.7734 GY	1.97
306	-0.6328 GY	2.15
306	-0.4922 GY	2.34
306	-0.3516 GY	2.53
306	-0.2109 GY	2.71
306	-0.0703 GY	2.88
60	-0.0703 GY	0.12
60	-0.2109 GY	0.29
60	-0.3516 GY	0.47
60	-0.4922 GY	0.66
60	-0.6328 GY	0.85
60	-0.7734 GY	1.03
60	-0.9141 GY	1.22
60	-1.0547 GY	1.41
60	-1.0547 GY	1.59
60	-0.9141 GY	1.78
60	-0.7734 GY	1.97
60	-0.6328 GY	2.15
60	-0.4922 GY	2.34
60	-0.3516 GY	2.53
60	-0.2109 GY	2.71
60	-0.0703 GY	2.88
308	-0.0703 GY	0.12
308	-0.2109 GY	0.29
308	-0.3516 GY	0.47
308	-0.4922 GY	0.66
308	-0.6328 GY	0.85
308	-0.7734 GY	1.03
308	-0.9141 GY	1.22
308	-1.0547 GY	1.41
308	-1.0547 GY	1.59
308	-0.9141 GY	1.78
308	-0.7734 GY	1.97
308	-0.6328 GY	2.15
308	-0.4922 GY	2.34
308	-0.3516 GY	2.53
308	-0.2109 GY	2.71
308	-0.0703 GY	2.88
114	-0.0703 GY	0.12
114	-0.2109 GY	0.29
114	-0.3516 GY	0.47
114	-0.4922 GY	0.66
114	-0.6328 GY	0.85
114	-0.7734 GY	1.03
114	-0.9141 GY	1.22
114	-1.0547 GY	1.41
114	-1.0547 GY	1.59
114	-0.9141 GY	1.78
114	-0.7734 GY	1.97
114	-0.6328 GY	2.15
114	-0.4922 GY	2.34
114	-0.3516 GY	2.53
114	-0.2109 GY	2.71
114	-0.0703 GY	2.88
307	-0.0703 GY	0.12
307	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 150

307	-0.3516 GY	0.47
307	-0.4922 GY	0.66
307	-0.6328 GY	0.85
307	-0.7734 GY	1.03
307	-0.9141 GY	1.22
307	-1.0547 GY	1.41
307	-1.0547 GY	1.59
307	-0.9141 GY	1.78
307	-0.7734 GY	1.97
307	-0.6328 GY	2.15
307	-0.4922 GY	2.34
307	-0.3516 GY	2.53
307	-0.2109 GY	2.71
307	-0.0703 GY	2.88
61	-0.0703 GY	0.13
61	-0.2109 GY	0.29
61	-0.3516 GY	0.48
61	-0.4922 GY	0.66
61	-0.6328 GY	0.85
61	-0.7734 GY	1.03
61	-0.9141 GY	1.22
61	-1.0547 GY	1.41
61	-1.0547 GY	1.59
61	-0.9141 GY	1.78
61	-0.7734 GY	1.97
61	-0.6328 GY	2.15
61	-0.4922 GY	2.34
61	-0.3516 GY	2.53
61	-0.2109 GY	2.71
61	-0.0703 GY	2.88
309	-0.0703 GY	0.12
309	-0.2109 GY	0.29
309	-0.3516 GY	0.47
309	-0.4922 GY	0.66
309	-0.6328 GY	0.85
309	-0.7734 GY	1.03
309	-0.9141 GY	1.22
309	-1.0547 GY	1.41
309	-1.0547 GY	1.59
309	-0.9141 GY	1.78
309	-0.7734 GY	1.97
309	-0.6328 GY	2.15
309	-0.4922 GY	2.34
309	-0.3516 GY	2.53
309	-0.2109 GY	2.71
309	-0.0703 GY	2.88
115	-0.0703 GY	0.13
115	-0.2109 GY	0.29
115	-0.3516 GY	0.48
115	-0.4922 GY	0.66
115	-0.6328 GY	0.85
115	-0.7734 GY	1.03
115	-0.9141 GY	1.22
115	-1.0547 GY	1.41
115	-1.0547 GY	1.59
115	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 151

115	-0.7734 GY	1.97
115	-0.6328 GY	2.15
115	-0.4922 GY	2.34
115	-0.3516 GY	2.53
115	-0.2109 GY	2.71
115	-0.0703 GY	2.88
308	-0.0703 GY	0.12
308	-0.2109 GY	0.29
308	-0.3516 GY	0.47
308	-0.4922 GY	0.66
308	-0.6328 GY	0.85
308	-0.7734 GY	1.03
308	-0.9141 GY	1.22
308	-1.0547 GY	1.41
308	-1.0547 GY	1.59
308	-0.9141 GY	1.78
308	-0.7734 GY	1.97
308	-0.6328 GY	2.15
308	-0.4922 GY	2.34
308	-0.3516 GY	2.53
308	-0.2109 GY	2.71
308	-0.0703 GY	2.88
62	-0.0703 GY	0.12
62	-0.2109 GY	0.29
62	-0.3516 GY	0.47
62	-0.4922 GY	0.66
62	-0.6328 GY	0.85
62	-0.7734 GY	1.03
62	-0.9141 GY	1.22
62	-1.0547 GY	1.41
62	-1.0547 GY	1.59
62	-0.9141 GY	1.78
62	-0.7734 GY	1.97
62	-0.6328 GY	2.15
62	-0.4922 GY	2.34
62	-0.3516 GY	2.52
62	-0.2109 GY	2.71
62	-0.0703 GY	2.87
310	-0.0703 GY	0.12
310	-0.2109 GY	0.29
310	-0.3516 GY	0.47
310	-0.4922 GY	0.66
310	-0.6328 GY	0.85
310	-0.7734 GY	1.03
310	-0.9141 GY	1.22
310	-1.0547 GY	1.41
310	-1.0547 GY	1.59
310	-0.9141 GY	1.78
310	-0.7734 GY	1.97
310	-0.6328 GY	2.15
310	-0.4922 GY	2.34
310	-0.3516 GY	2.53
310	-0.2109 GY	2.71
310	-0.0703 GY	2.88
116	-0.0703 GY	0.12
116	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 152

116	-0.3516	GY	0.47
116	-0.4922	GY	0.66
116	-0.6328	GY	0.85
116	-0.7734	GY	1.03
116	-0.9141	GY	1.22
116	-1.0547	GY	1.41
116	-1.0547	GY	1.59
116	-0.9141	GY	1.78
116	-0.7734	GY	1.97
116	-0.6328	GY	2.15
116	-0.4922	GY	2.34
116	-0.3516	GY	2.52
116	-0.2109	GY	2.71
116	-0.0703	GY	2.87
309	-0.0703	GY	0.12
309	-0.2109	GY	0.29
309	-0.3516	GY	0.47
309	-0.4922	GY	0.66
309	-0.6328	GY	0.85
309	-0.7734	GY	1.03
309	-0.9141	GY	1.22
309	-1.0547	GY	1.41
309	-1.0547	GY	1.59
309	-0.9141	GY	1.78
309	-0.7734	GY	1.97
309	-0.6328	GY	2.15
309	-0.4922	GY	2.34
309	-0.3516	GY	2.53
309	-0.2109	GY	2.71
309	-0.0703	GY	2.88
113	-0.0703	GY	0.12
113	-0.2109	GY	0.29
113	-0.3516	GY	0.47
113	-0.4922	GY	0.66
113	-0.6328	GY	0.85
113	-0.7734	GY	1.03
113	-0.9141	GY	1.22
113	-1.0547	GY	1.41
113	-1.0547	GY	1.59
113	-0.9141	GY	1.78
113	-0.7734	GY	1.97
113	-0.6328	GY	2.15
113	-0.4922	GY	2.34
113	-0.3516	GY	2.53
113	-0.2109	GY	2.71
113	-0.0703	GY	2.88
337	-0.0703	GY	0.13
337	-0.2109	GY	0.29
337	-0.3516	GY	0.48
337	-0.4922	GY	0.66
337	-0.6328	GY	0.85
337	-0.7734	GY	1.03
337	-0.9141	GY	1.22
337	-1.0547	GY	1.41
337	-1.0547	GY	1.59
337	-0.9141	GY	1.78



STAAD SPACE

-- PAGE NO. 153

337	-0.7734 GY	1.97
337	-0.6328 GY	2.15
337	-0.4922 GY	2.34
337	-0.3516 GY	2.53
337	-0.2109 GY	2.71
337	-0.0703 GY	2.88
167	-0.0703 GY	0.12
167	-0.2109 GY	0.29
167	-0.3516 GY	0.47
167	-0.4922 GY	0.66
167	-0.6328 GY	0.85
167	-0.7734 GY	1.03
167	-0.9141 GY	1.22
167	-1.0547 GY	1.41
167	-1.0547 GY	1.59
167	-0.9141 GY	1.78
167	-0.7734 GY	1.97
167	-0.6328 GY	2.15
167	-0.4922 GY	2.34
167	-0.3516 GY	2.53
167	-0.2109 GY	2.71
167	-0.0703 GY	2.88
336	-0.0703 GY	0.13
336	-0.2109 GY	0.29
336	-0.3516 GY	0.48
336	-0.4922 GY	0.66
336	-0.6328 GY	0.85
336	-0.7734 GY	1.03
336	-0.9141 GY	1.22
336	-1.0547 GY	1.41
336	-1.0547 GY	1.59
336	-0.9141 GY	1.78
336	-0.7734 GY	1.97
336	-0.6328 GY	2.15
336	-0.4922 GY	2.34
336	-0.3516 GY	2.53
336	-0.2109 GY	2.71
336	-0.0703 GY	2.88
114	-0.0703 GY	0.12
114	-0.2109 GY	0.29
114	-0.3516 GY	0.47
114	-0.4922 GY	0.66
114	-0.6328 GY	0.85
114	-0.7734 GY	1.03
114	-0.9141 GY	1.22
114	-1.0547 GY	1.41
114	-1.0547 GY	1.59
114	-0.9141 GY	1.78
114	-0.7734 GY	1.97
114	-0.6328 GY	2.15
114	-0.4922 GY	2.34
114	-0.3516 GY	2.53
114	-0.2109 GY	2.71
114	-0.0703 GY	2.88
338	-0.0703 GY	0.13
338	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 154

338	-0.3516	GY	0.48
338	-0.4922	GY	0.66
338	-0.6328	GY	0.85
338	-0.7734	GY	1.03
338	-0.9141	GY	1.22
338	-1.0547	GY	1.41
338	-1.0547	GY	1.59
338	-0.9141	GY	1.78
338	-0.7734	GY	1.97
338	-0.6328	GY	2.15
338	-0.4922	GY	2.34
338	-0.3516	GY	2.53
338	-0.2109	GY	2.71
338	-0.0703	GY	2.88
168	-0.0703	GY	0.12
168	-0.2109	GY	0.29
168	-0.3516	GY	0.47
168	-0.4922	GY	0.66
168	-0.6328	GY	0.85
168	-0.7734	GY	1.03
168	-0.9141	GY	1.22
168	-1.0547	GY	1.41
168	-1.0547	GY	1.59
168	-0.9141	GY	1.78
168	-0.7734	GY	1.97
168	-0.6328	GY	2.15
168	-0.4922	GY	2.34
168	-0.3516	GY	2.53
168	-0.2109	GY	2.71
168	-0.0703	GY	2.88
337	-0.0703	GY	0.13
337	-0.2109	GY	0.29
337	-0.3516	GY	0.48
337	-0.4922	GY	0.66
337	-0.6328	GY	0.85
337	-0.7734	GY	1.03
337	-0.9141	GY	1.22
337	-1.0547	GY	1.41
337	-1.0547	GY	1.59
337	-0.9141	GY	1.78
337	-0.7734	GY	1.97
337	-0.6328	GY	2.15
337	-0.4922	GY	2.34
337	-0.3516	GY	2.53
337	-0.2109	GY	2.71
337	-0.0703	GY	2.88
115	-0.0703	GY	0.13
115	-0.2109	GY	0.29
115	-0.3516	GY	0.48
115	-0.4922	GY	0.66
115	-0.6328	GY	0.85
115	-0.7734	GY	1.03
115	-0.9141	GY	1.22
115	-1.0547	GY	1.41
115	-1.0547	GY	1.59
115	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 155

115	-0.7734 GY	1.97
115	-0.6328 GY	2.15
115	-0.4922 GY	2.34
115	-0.3516 GY	2.53
115	-0.2109 GY	2.71
115	-0.0703 GY	2.88
339	-0.0703 GY	0.13
339	-0.2109 GY	0.29
339	-0.3516 GY	0.48
339	-0.4922 GY	0.66
339	-0.6328 GY	0.85
339	-0.7734 GY	1.03
339	-0.9141 GY	1.22
339	-1.0547 GY	1.41
339	-1.0547 GY	1.59
339	-0.9141 GY	1.78
339	-0.7734 GY	1.97
339	-0.6328 GY	2.15
339	-0.4922 GY	2.34
339	-0.3516 GY	2.53
339	-0.2109 GY	2.71
339	-0.0703 GY	2.88
169	-0.0703 GY	0.13
169	-0.2109 GY	0.29
169	-0.3516 GY	0.48
169	-0.4922 GY	0.66
169	-0.6328 GY	0.85
169	-0.7734 GY	1.03
169	-0.9141 GY	1.22
169	-1.0547 GY	1.41
169	-1.0547 GY	1.59
169	-0.9141 GY	1.78
169	-0.7734 GY	1.97
169	-0.6328 GY	2.15
169	-0.4922 GY	2.34
169	-0.3516 GY	2.53
169	-0.2109 GY	2.71
169	-0.0703 GY	2.88
338	-0.0703 GY	0.13
338	-0.2109 GY	0.29
338	-0.3516 GY	0.48
338	-0.4922 GY	0.66
338	-0.6328 GY	0.85
338	-0.7734 GY	1.03
338	-0.9141 GY	1.22
338	-1.0547 GY	1.41
338	-1.0547 GY	1.59
338	-0.9141 GY	1.78
338	-0.7734 GY	1.97
338	-0.6328 GY	2.15
338	-0.4922 GY	2.34
338	-0.3516 GY	2.53
338	-0.2109 GY	2.71
338	-0.0703 GY	2.88
116	-0.0703 GY	0.12
116	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 156

116	-0.3516 GY	0.47
116	-0.4922 GY	0.66
116	-0.6328 GY	0.85
116	-0.7734 GY	1.03
116	-0.9141 GY	1.22
116	-1.0547 GY	1.41
116	-1.0547 GY	1.59
116	-0.9141 GY	1.78
116	-0.7734 GY	1.97
116	-0.6328 GY	2.15
116	-0.4922 GY	2.34
116	-0.3516 GY	2.52
116	-0.2109 GY	2.71
116	-0.0703 GY	2.87
340	-0.0703 GY	0.13
340	-0.2109 GY	0.29
340	-0.3516 GY	0.48
340	-0.4922 GY	0.66
340	-0.6328 GY	0.85
340	-0.7734 GY	1.03
340	-0.9141 GY	1.22
340	-1.0547 GY	1.41
340	-1.0547 GY	1.59
340	-0.9141 GY	1.78
340	-0.7734 GY	1.97
340	-0.6328 GY	2.15
340	-0.4922 GY	2.34
340	-0.3516 GY	2.53
340	-0.2109 GY	2.71
340	-0.0703 GY	2.88
170	-0.0703 GY	0.12
170	-0.2109 GY	0.29
170	-0.3516 GY	0.47
170	-0.4922 GY	0.66
170	-0.6328 GY	0.85
170	-0.7734 GY	1.03
170	-0.9141 GY	1.22
170	-1.0547 GY	1.41
170	-1.0547 GY	1.59
170	-0.9141 GY	1.78
170	-0.7734 GY	1.97
170	-0.6328 GY	2.15
170	-0.4922 GY	2.34
170	-0.3516 GY	2.52
170	-0.2109 GY	2.71
170	-0.0703 GY	2.87
339	-0.0703 GY	0.13
339	-0.2109 GY	0.29
339	-0.3516 GY	0.48
339	-0.4922 GY	0.66
339	-0.6328 GY	0.85
339	-0.7734 GY	1.03
339	-0.9141 GY	1.22
339	-1.0547 GY	1.41
339	-1.0547 GY	1.59
339	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 157

339	-0.7734 GY	1.97
339	-0.6328 GY	2.15
339	-0.4922 GY	2.34
339	-0.3516 GY	2.53
339	-0.2109 GY	2.71
339	-0.0703 GY	2.88
167	-0.0703 GY	0.12
167	-0.2109 GY	0.29
167	-0.3516 GY	0.47
167	-0.4922 GY	0.66
167	-0.6328 GY	0.85
167	-0.7734 GY	1.03
167	-0.9141 GY	1.22
167	-1.0547 GY	1.41
167	-1.0547 GY	1.59
167	-0.9141 GY	1.78
167	-0.7734 GY	1.97
167	-0.6328 GY	2.15
167	-0.4922 GY	2.34
167	-0.3516 GY	2.53
167	-0.2109 GY	2.71
167	-0.0703 GY	2.88
367	-0.0703 GY	0.12
367	-0.2109 GY	0.29
367	-0.3516 GY	0.47
367	-0.4922 GY	0.66
367	-0.6328 GY	0.85
367	-0.7734 GY	1.03
367	-0.9141 GY	1.22
367	-1.0547 GY	1.41
367	-1.0547 GY	1.59
367	-0.9141 GY	1.78
367	-0.7734 GY	1.97
367	-0.6328 GY	2.15
367	-0.4922 GY	2.34
367	-0.3516 GY	2.52
367	-0.2109 GY	2.71
367	-0.0703 GY	2.87
221	-0.0703 GY	0.12
221	-0.2109 GY	0.29
221	-0.3516 GY	0.47
221	-0.4922 GY	0.66
221	-0.6328 GY	0.85
221	-0.7734 GY	1.03
221	-0.9141 GY	1.22
221	-1.0547 GY	1.41
221	-1.0547 GY	1.59
221	-0.9141 GY	1.78
221	-0.7734 GY	1.97
221	-0.6328 GY	2.15
221	-0.4922 GY	2.34
221	-0.3516 GY	2.53
221	-0.2109 GY	2.71
221	-0.0703 GY	2.88
366	-0.0703 GY	0.12
366	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 158

366	-0.3516	GY	0.47
366	-0.4922	GY	0.66
366	-0.6328	GY	0.85
366	-0.7734	GY	1.03
366	-0.9141	GY	1.22
366	-1.0547	GY	1.41
366	-1.0547	GY	1.59
366	-0.9141	GY	1.78
366	-0.7734	GY	1.97
366	-0.6328	GY	2.15
366	-0.4922	GY	2.34
366	-0.3516	GY	2.52
366	-0.2109	GY	2.71
366	-0.0703	GY	2.87
168	-0.0703	GY	0.12
168	-0.2109	GY	0.29
168	-0.3516	GY	0.47
168	-0.4922	GY	0.66
168	-0.6328	GY	0.85
168	-0.7734	GY	1.03
168	-0.9141	GY	1.22
168	-1.0547	GY	1.41
168	-1.0547	GY	1.59
168	-0.9141	GY	1.78
168	-0.7734	GY	1.97
168	-0.6328	GY	2.15
168	-0.4922	GY	2.34
168	-0.3516	GY	2.53
168	-0.2109	GY	2.71
168	-0.0703	GY	2.88
368	-0.0703	GY	0.12
368	-0.2109	GY	0.29
368	-0.3516	GY	0.47
368	-0.4922	GY	0.66
368	-0.6328	GY	0.85
368	-0.7734	GY	1.03
368	-0.9141	GY	1.22
368	-1.0547	GY	1.41
368	-1.0547	GY	1.59
368	-0.9141	GY	1.78
368	-0.7734	GY	1.97
368	-0.6328	GY	2.15
368	-0.4922	GY	2.34
368	-0.3516	GY	2.52
368	-0.2109	GY	2.71
368	-0.0703	GY	2.87
222	-0.0703	GY	0.12
222	-0.2109	GY	0.29
222	-0.3516	GY	0.47
222	-0.4922	GY	0.66
222	-0.6328	GY	0.85
222	-0.7734	GY	1.03
222	-0.9141	GY	1.22
222	-1.0547	GY	1.41
222	-1.0547	GY	1.59
222	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 159

222	-0.7734 GY	1.97
222	-0.6328 GY	2.15
222	-0.4922 GY	2.34
222	-0.3516 GY	2.53
222	-0.2109 GY	2.71
222	-0.0703 GY	2.88
367	-0.0703 GY	0.12
367	-0.2109 GY	0.29
367	-0.3516 GY	0.47
367	-0.4922 GY	0.66
367	-0.6328 GY	0.85
367	-0.7734 GY	1.03
367	-0.9141 GY	1.22
367	-1.0547 GY	1.41
367	-1.0547 GY	1.59
367	-0.9141 GY	1.78
367	-0.7734 GY	1.97
367	-0.6328 GY	2.15
367	-0.4922 GY	2.34
367	-0.3516 GY	2.52
367	-0.2109 GY	2.71
367	-0.0703 GY	2.87
169	-0.0703 GY	0.13
169	-0.2109 GY	0.29
169	-0.3516 GY	0.48
169	-0.4922 GY	0.66
169	-0.6328 GY	0.85
169	-0.7734 GY	1.03
169	-0.9141 GY	1.22
169	-1.0547 GY	1.41
169	-1.0547 GY	1.59
169	-0.9141 GY	1.78
169	-0.7734 GY	1.97
169	-0.6328 GY	2.15
169	-0.4922 GY	2.34
169	-0.3516 GY	2.53
169	-0.2109 GY	2.71
169	-0.0703 GY	2.88
369	-0.0703 GY	0.12
369	-0.2109 GY	0.29
369	-0.3516 GY	0.47
369	-0.4922 GY	0.66
369	-0.6328 GY	0.85
369	-0.7734 GY	1.03
369	-0.9141 GY	1.22
369	-1.0547 GY	1.41
369	-1.0547 GY	1.59
369	-0.9141 GY	1.78
369	-0.7734 GY	1.97
369	-0.6328 GY	2.15
369	-0.4922 GY	2.34
369	-0.3516 GY	2.52
369	-0.2109 GY	2.71
369	-0.0703 GY	2.87
223	-0.0703 GY	0.13
223	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 160

223	-0.3516 GY	0.48
223	-0.4922 GY	0.66
223	-0.6328 GY	0.85
223	-0.7734 GY	1.03
223	-0.9141 GY	1.22
223	-1.0547 GY	1.41
223	-1.0547 GY	1.59
223	-0.9141 GY	1.78
223	-0.7734 GY	1.97
223	-0.6328 GY	2.15
223	-0.4922 GY	2.34
223	-0.3516 GY	2.53
223	-0.2109 GY	2.71
223	-0.0703 GY	2.88
368	-0.0703 GY	0.12
368	-0.2109 GY	0.29
368	-0.3516 GY	0.47
368	-0.4922 GY	0.66
368	-0.6328 GY	0.85
368	-0.7734 GY	1.03
368	-0.9141 GY	1.22
368	-1.0547 GY	1.41
368	-1.0547 GY	1.59
368	-0.9141 GY	1.78
368	-0.7734 GY	1.97
368	-0.6328 GY	2.15
368	-0.4922 GY	2.34
368	-0.3516 GY	2.52
368	-0.2109 GY	2.71
368	-0.0703 GY	2.87
170	-0.0703 GY	0.12
170	-0.2109 GY	0.29
170	-0.3516 GY	0.47
170	-0.4922 GY	0.66
170	-0.6328 GY	0.85
170	-0.7734 GY	1.03
170	-0.9141 GY	1.22
170	-1.0547 GY	1.41
170	-1.0547 GY	1.59
170	-0.9141 GY	1.78
170	-0.7734 GY	1.97
170	-0.6328 GY	2.15
170	-0.4922 GY	2.34
170	-0.3516 GY	2.52
170	-0.2109 GY	2.71
170	-0.0703 GY	2.87
370	-0.0703 GY	0.12
370	-0.2109 GY	0.29
370	-0.3516 GY	0.47
370	-0.4922 GY	0.66
370	-0.6328 GY	0.85
370	-0.7734 GY	1.03
370	-0.9141 GY	1.22
370	-1.0547 GY	1.41
370	-1.0547 GY	1.59
370	-0.9141 GY	1.78



STAAD SPACE

-- PAGE NO. 161

370	-0.7734 GY	1.97
370	-0.6328 GY	2.15
370	-0.4922 GY	2.34
370	-0.3516 GY	2.52
370	-0.2109 GY	2.71
370	-0.0703 GY	2.87
224	-0.0703 GY	0.12
224	-0.2109 GY	0.29
224	-0.3516 GY	0.47
224	-0.4922 GY	0.66
224	-0.6328 GY	0.85
224	-0.7734 GY	1.03
224	-0.9141 GY	1.22
224	-1.0547 GY	1.41
224	-1.0547 GY	1.59
224	-0.9141 GY	1.78
224	-0.7734 GY	1.97
224	-0.6328 GY	2.15
224	-0.4922 GY	2.34
224	-0.3516 GY	2.52
224	-0.2109 GY	2.71
224	-0.0703 GY	2.87
369	-0.0703 GY	0.12
369	-0.2109 GY	0.29
369	-0.3516 GY	0.47
369	-0.4922 GY	0.66
369	-0.6328 GY	0.85
369	-0.7734 GY	1.03
369	-0.9141 GY	1.22
369	-1.0547 GY	1.41
369	-1.0547 GY	1.59
369	-0.9141 GY	1.78
369	-0.7734 GY	1.97
369	-0.6328 GY	2.15
369	-0.4922 GY	2.34
369	-0.3516 GY	2.52
369	-0.2109 GY	2.71
369	-0.0703 GY	2.87
9	-0.0703 GY	0.12
9	-0.2109 GY	0.29
9	-0.3516 GY	0.47
9	-0.4922 GY	0.66
9	-0.6328 GY	0.85
9	-0.7734 GY	1.03
9	-0.9141 GY	1.22
9	-1.0547 GY	1.41
9	-1.0547 GY	1.59
9	-0.9141 GY	1.78
9	-0.7734 GY	1.97
9	-0.6328 GY	2.15
9	-0.4922 GY	2.34
9	-0.3516 GY	2.53
9	-0.2109 GY	2.71
9	-0.0703 GY	2.88
282	-0.0703 GY	0.12
282	-0.2109 GY	0.29

STAAD SPACE

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282	-0.3516 GY	0.47
282	-0.4922 GY	0.66
282	-0.6328 GY	0.85
282	-0.7734 GY	1.03
282	-0.9141 GY	1.22
282	-1.0547 GY	1.41
282	-1.0547 GY	1.59
282	-0.9141 GY	1.78
282	-0.7734 GY	1.97
282	-0.6328 GY	2.15
282	-0.4922 GY	2.34
282	-0.3516 GY	2.53
282	-0.2109 GY	2.71
282	-0.0703 GY	2.88
63	-0.0703 GY	0.12
63	-0.2109 GY	0.29
63	-0.3516 GY	0.47
63	-0.4922 GY	0.66
63	-0.6328 GY	0.85
63	-0.7734 GY	1.03
63	-0.9141 GY	1.22
63	-1.0547 GY	1.41
63	-1.0547 GY	1.59
63	-0.9141 GY	1.78
63	-0.7734 GY	1.97
63	-0.6328 GY	2.15
63	-0.4922 GY	2.34
63	-0.3516 GY	2.53
63	-0.2109 GY	2.71
63	-0.0703 GY	2.88
281	-0.0703 GY	0.12
281	-0.2109 GY	0.29
281	-0.3516 GY	0.47
281	-0.4922 GY	0.66
281	-0.6328 GY	0.85
281	-0.7734 GY	1.03
281	-0.9141 GY	1.22
281	-1.0547 GY	1.41
281	-1.0547 GY	1.59
281	-0.9141 GY	1.78
281	-0.7734 GY	1.97
281	-0.6328 GY	2.15
281	-0.4922 GY	2.34
281	-0.3516 GY	2.53
281	-0.2109 GY	2.71
281	-0.0703 GY	2.88
10	-0.0703 GY	0.12
10	-0.2109 GY	0.29
10	-0.3516 GY	0.47
10	-0.4922 GY	0.66
10	-0.6328 GY	0.85
10	-0.7734 GY	1.03
10	-0.9141 GY	1.22
10	-1.0547 GY	1.41
10	-1.0547 GY	1.59
10	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 163

10	-0.7734 GY	1.97
10	-0.6328 GY	2.15
10	-0.4922 GY	2.34
10	-0.3516 GY	2.53
10	-0.2109 GY	2.71
10	-0.0703 GY	2.88
283	-0.0703 GY	0.12
283	-0.2109 GY	0.29
283	-0.3516 GY	0.47
283	-0.4922 GY	0.66
283	-0.6328 GY	0.85
283	-0.7734 GY	1.03
283	-0.9141 GY	1.22
283	-1.0547 GY	1.41
283	-1.0547 GY	1.59
283	-0.9141 GY	1.78
283	-0.7734 GY	1.97
283	-0.6328 GY	2.15
283	-0.4922 GY	2.34
283	-0.3516 GY	2.53
283	-0.2109 GY	2.71
283	-0.0703 GY	2.88
64	-0.0703 GY	0.12
64	-0.2109 GY	0.29
64	-0.3516 GY	0.47
64	-0.4922 GY	0.66
64	-0.6328 GY	0.85
64	-0.7734 GY	1.03
64	-0.9141 GY	1.22
64	-1.0547 GY	1.41
64	-1.0547 GY	1.59
64	-0.9141 GY	1.78
64	-0.7734 GY	1.97
64	-0.6328 GY	2.15
64	-0.4922 GY	2.34
64	-0.3516 GY	2.53
64	-0.2109 GY	2.71
64	-0.0703 GY	2.88
282	-0.0703 GY	0.12
282	-0.2109 GY	0.29
282	-0.3516 GY	0.47
282	-0.4922 GY	0.66
282	-0.6328 GY	0.85
282	-0.7734 GY	1.03
282	-0.9141 GY	1.22
282	-1.0547 GY	1.41
282	-1.0547 GY	1.59
282	-0.9141 GY	1.78
282	-0.7734 GY	1.97
282	-0.6328 GY	2.15
282	-0.4922 GY	2.34
282	-0.3516 GY	2.53
282	-0.2109 GY	2.71
282	-0.0703 GY	2.88
11	-0.0703 GY	0.13
11	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 164

11	-0.3516	GY	0.48
11	-0.4922	GY	0.66
11	-0.6328	GY	0.85
11	-0.7734	GY	1.03
11	-0.9141	GY	1.22
11	-1.0547	GY	1.41
11	-1.0547	GY	1.59
11	-0.9141	GY	1.78
11	-0.7734	GY	1.97
11	-0.6328	GY	2.15
11	-0.4922	GY	2.34
11	-0.3516	GY	2.53
11	-0.2109	GY	2.71
11	-0.0703	GY	2.88
284	-0.0703	GY	0.12
284	-0.2109	GY	0.29
284	-0.3516	GY	0.47
284	-0.4922	GY	0.66
284	-0.6328	GY	0.85
284	-0.7734	GY	1.03
284	-0.9141	GY	1.22
284	-1.0547	GY	1.41
284	-1.0547	GY	1.59
284	-0.9141	GY	1.78
284	-0.7734	GY	1.97
284	-0.6328	GY	2.15
284	-0.4922	GY	2.34
284	-0.3516	GY	2.53
284	-0.2109	GY	2.71
284	-0.0703	GY	2.88
65	-0.0703	GY	0.13
65	-0.2109	GY	0.29
65	-0.3516	GY	0.48
65	-0.4922	GY	0.66
65	-0.6328	GY	0.85
65	-0.7734	GY	1.03
65	-0.9141	GY	1.22
65	-1.0547	GY	1.41
65	-1.0547	GY	1.59
65	-0.9141	GY	1.78
65	-0.7734	GY	1.97
65	-0.6328	GY	2.15
65	-0.4922	GY	2.34
65	-0.3516	GY	2.53
65	-0.2109	GY	2.71
65	-0.0703	GY	2.88
283	-0.0703	GY	0.12
283	-0.2109	GY	0.29
283	-0.3516	GY	0.47
283	-0.4922	GY	0.66
283	-0.6328	GY	0.85
283	-0.7734	GY	1.03
283	-0.9141	GY	1.22
283	-1.0547	GY	1.41
283	-1.0547	GY	1.59
283	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 165

283	-0.7734 GY	1.97
283	-0.6328 GY	2.15
283	-0.4922 GY	2.34
283	-0.3516 GY	2.53
283	-0.2109 GY	2.71
283	-0.0703 GY	2.88
12	-0.0703 GY	0.12
12	-0.2109 GY	0.29
12	-0.3516 GY	0.47
12	-0.4922 GY	0.66
12	-0.6328 GY	0.85
12	-0.7734 GY	1.03
12	-0.9141 GY	1.22
12	-1.0547 GY	1.41
12	-1.0547 GY	1.59
12	-0.9141 GY	1.78
12	-0.7734 GY	1.97
12	-0.6328 GY	2.15
12	-0.4922 GY	2.34
12	-0.3516 GY	2.52
12	-0.2109 GY	2.71
12	-0.0703 GY	2.87
285	-0.0703 GY	0.12
285	-0.2109 GY	0.29
285	-0.3516 GY	0.47
285	-0.4922 GY	0.66
285	-0.6328 GY	0.85
285	-0.7734 GY	1.03
285	-0.9141 GY	1.22
285	-1.0547 GY	1.41
285	-1.0547 GY	1.59
285	-0.9141 GY	1.78
285	-0.7734 GY	1.97
285	-0.6328 GY	2.15
285	-0.4922 GY	2.34
285	-0.3516 GY	2.53
285	-0.2109 GY	2.71
285	-0.0703 GY	2.88
66	-0.0703 GY	0.12
66	-0.2109 GY	0.29
66	-0.3516 GY	0.47
66	-0.4922 GY	0.66
66	-0.6328 GY	0.85
66	-0.7734 GY	1.03
66	-0.9141 GY	1.22
66	-1.0547 GY	1.41
66	-1.0547 GY	1.59
66	-0.9141 GY	1.78
66	-0.7734 GY	1.97
66	-0.6328 GY	2.15
66	-0.4922 GY	2.34
66	-0.3516 GY	2.52
66	-0.2109 GY	2.71
66	-0.0703 GY	2.87
284	-0.0703 GY	0.12
284	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 166

284	-0.3516	GY	0.47
284	-0.4922	GY	0.66
284	-0.6328	GY	0.85
284	-0.7734	GY	1.03
284	-0.9141	GY	1.22
284	-1.0547	GY	1.41
284	-1.0547	GY	1.59
284	-0.9141	GY	1.78
284	-0.7734	GY	1.97
284	-0.6328	GY	2.15
284	-0.4922	GY	2.34
284	-0.3516	GY	2.53
284	-0.2109	GY	2.71
284	-0.0703	GY	2.88
63	-0.0703	GY	0.12
63	-0.2109	GY	0.29
63	-0.3516	GY	0.47
63	-0.4922	GY	0.66
63	-0.6328	GY	0.85
63	-0.7734	GY	1.03
63	-0.9141	GY	1.22
63	-1.0547	GY	1.41
63	-1.0547	GY	1.59
63	-0.9141	GY	1.78
63	-0.7734	GY	1.97
63	-0.6328	GY	2.15
63	-0.4922	GY	2.34
63	-0.3516	GY	2.53
63	-0.2109	GY	2.71
63	-0.0703	GY	2.88
312	-0.0703	GY	0.12
312	-0.2109	GY	0.29
312	-0.3516	GY	0.47
312	-0.4922	GY	0.66
312	-0.6328	GY	0.85
312	-0.7734	GY	1.03
312	-0.9141	GY	1.22
312	-1.0547	GY	1.41
312	-1.0547	GY	1.59
312	-0.9141	GY	1.78
312	-0.7734	GY	1.97
312	-0.6328	GY	2.15
312	-0.4922	GY	2.34
312	-0.3516	GY	2.53
312	-0.2109	GY	2.71
312	-0.0703	GY	2.88
117	-0.0703	GY	0.12
117	-0.2109	GY	0.29
117	-0.3516	GY	0.47
117	-0.4922	GY	0.66
117	-0.6328	GY	0.85
117	-0.7734	GY	1.03
117	-0.9141	GY	1.22
117	-1.0547	GY	1.41
117	-1.0547	GY	1.59
117	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 167

117	-0.7734 GY	1.97
117	-0.6328 GY	2.15
117	-0.4922 GY	2.34
117	-0.3516 GY	2.53
117	-0.2109 GY	2.71
117	-0.0703 GY	2.88
311	-0.0703 GY	0.12
311	-0.2109 GY	0.29
311	-0.3516 GY	0.47
311	-0.4922 GY	0.66
311	-0.6328 GY	0.85
311	-0.7734 GY	1.03
311	-0.9141 GY	1.22
311	-1.0547 GY	1.41
311	-1.0547 GY	1.59
311	-0.9141 GY	1.78
311	-0.7734 GY	1.97
311	-0.6328 GY	2.15
311	-0.4922 GY	2.34
311	-0.3516 GY	2.53
311	-0.2109 GY	2.71
311	-0.0703 GY	2.88
64	-0.0703 GY	0.12
64	-0.2109 GY	0.29
64	-0.3516 GY	0.47
64	-0.4922 GY	0.66
64	-0.6328 GY	0.85
64	-0.7734 GY	1.03
64	-0.9141 GY	1.22
64	-1.0547 GY	1.41
64	-1.0547 GY	1.59
64	-0.9141 GY	1.78
64	-0.7734 GY	1.97
64	-0.6328 GY	2.15
64	-0.4922 GY	2.34
64	-0.3516 GY	2.53
64	-0.2109 GY	2.71
64	-0.0703 GY	2.88
313	-0.0703 GY	0.12
313	-0.2109 GY	0.29
313	-0.3516 GY	0.47
313	-0.4922 GY	0.66
313	-0.6328 GY	0.85
313	-0.7734 GY	1.03
313	-0.9141 GY	1.22
313	-1.0547 GY	1.41
313	-1.0547 GY	1.59
313	-0.9141 GY	1.78
313	-0.7734 GY	1.97
313	-0.6328 GY	2.15
313	-0.4922 GY	2.34
313	-0.3516 GY	2.53
313	-0.2109 GY	2.71
313	-0.0703 GY	2.88
118	-0.0703 GY	0.12
118	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 168

118	-0.3516	GY	0.47
118	-0.4922	GY	0.66
118	-0.6328	GY	0.85
118	-0.7734	GY	1.03
118	-0.9141	GY	1.22
118	-1.0547	GY	1.41
118	-1.0547	GY	1.59
118	-0.9141	GY	1.78
118	-0.7734	GY	1.97
118	-0.6328	GY	2.15
118	-0.4922	GY	2.34
118	-0.3516	GY	2.53
118	-0.2109	GY	2.71
118	-0.0703	GY	2.88
312	-0.0703	GY	0.12
312	-0.2109	GY	0.29
312	-0.3516	GY	0.47
312	-0.4922	GY	0.66
312	-0.6328	GY	0.85
312	-0.7734	GY	1.03
312	-0.9141	GY	1.22
312	-1.0547	GY	1.41
312	-1.0547	GY	1.59
312	-0.9141	GY	1.78
312	-0.7734	GY	1.97
312	-0.6328	GY	2.15
312	-0.4922	GY	2.34
312	-0.3516	GY	2.53
312	-0.2109	GY	2.71
312	-0.0703	GY	2.88
65	-0.0703	GY	0.13
65	-0.2109	GY	0.29
65	-0.3516	GY	0.48
65	-0.4922	GY	0.66
65	-0.6328	GY	0.85
65	-0.7734	GY	1.03
65	-0.9141	GY	1.22
65	-1.0547	GY	1.41
65	-1.0547	GY	1.59
65	-0.9141	GY	1.78
65	-0.7734	GY	1.97
65	-0.6328	GY	2.15
65	-0.4922	GY	2.34
65	-0.3516	GY	2.53
65	-0.2109	GY	2.71
65	-0.0703	GY	2.88
314	-0.0703	GY	0.12
314	-0.2109	GY	0.29
314	-0.3516	GY	0.47
314	-0.4922	GY	0.66
314	-0.6328	GY	0.85
314	-0.7734	GY	1.03
314	-0.9141	GY	1.22
314	-1.0547	GY	1.41
314	-1.0547	GY	1.59
314	-0.9141	GY	1.78



STAAD SPACE

-- PAGE NO. 169

314	-0.7734 GY	1.97
314	-0.6328 GY	2.15
314	-0.4922 GY	2.34
314	-0.3516 GY	2.53
314	-0.2109 GY	2.71
314	-0.0703 GY	2.88
119	-0.0703 GY	0.13
119	-0.2109 GY	0.29
119	-0.3516 GY	0.48
119	-0.4922 GY	0.66
119	-0.6328 GY	0.85
119	-0.7734 GY	1.03
119	-0.9141 GY	1.22
119	-1.0547 GY	1.41
119	-1.0547 GY	1.59
119	-0.9141 GY	1.78
119	-0.7734 GY	1.97
119	-0.6328 GY	2.15
119	-0.4922 GY	2.34
119	-0.3516 GY	2.53
119	-0.2109 GY	2.71
119	-0.0703 GY	2.88
313	-0.0703 GY	0.12
313	-0.2109 GY	0.29
313	-0.3516 GY	0.47
313	-0.4922 GY	0.66
313	-0.6328 GY	0.85
313	-0.7734 GY	1.03
313	-0.9141 GY	1.22
313	-1.0547 GY	1.41
313	-1.0547 GY	1.59
313	-0.9141 GY	1.78
313	-0.7734 GY	1.97
313	-0.6328 GY	2.15
313	-0.4922 GY	2.34
313	-0.3516 GY	2.53
313	-0.2109 GY	2.71
313	-0.0703 GY	2.88
66	-0.0703 GY	0.12
66	-0.2109 GY	0.29
66	-0.3516 GY	0.47
66	-0.4922 GY	0.66
66	-0.6328 GY	0.85
66	-0.7734 GY	1.03
66	-0.9141 GY	1.22
66	-1.0547 GY	1.41
66	-1.0547 GY	1.59
66	-0.9141 GY	1.78
66	-0.7734 GY	1.97
66	-0.6328 GY	2.15
66	-0.4922 GY	2.34
66	-0.3516 GY	2.52
66	-0.2109 GY	2.71
66	-0.0703 GY	2.87
315	-0.0703 GY	0.12
315	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 170

315	-0.3516 GY	0.47
315	-0.4922 GY	0.66
315	-0.6328 GY	0.85
315	-0.7734 GY	1.03
315	-0.9141 GY	1.22
315	-1.0547 GY	1.41
315	-1.0547 GY	1.59
315	-0.9141 GY	1.78
315	-0.7734 GY	1.97
315	-0.6328 GY	2.15
315	-0.4922 GY	2.34
315	-0.3516 GY	2.53
315	-0.2109 GY	2.71
315	-0.0703 GY	2.88
120	-0.0703 GY	0.12
120	-0.2109 GY	0.29
120	-0.3516 GY	0.47
120	-0.4922 GY	0.66
120	-0.6328 GY	0.85
120	-0.7734 GY	1.03
120	-0.9141 GY	1.22
120	-1.0547 GY	1.41
120	-1.0547 GY	1.59
120	-0.9141 GY	1.78
120	-0.7734 GY	1.97
120	-0.6328 GY	2.15
120	-0.4922 GY	2.34
120	-0.3516 GY	2.52
120	-0.2109 GY	2.71
120	-0.0703 GY	2.87
314	-0.0703 GY	0.12
314	-0.2109 GY	0.29
314	-0.3516 GY	0.47
314	-0.4922 GY	0.66
314	-0.6328 GY	0.85
314	-0.7734 GY	1.03
314	-0.9141 GY	1.22
314	-1.0547 GY	1.41
314	-1.0547 GY	1.59
314	-0.9141 GY	1.78
314	-0.7734 GY	1.97
314	-0.6328 GY	2.15
314	-0.4922 GY	2.34
314	-0.3516 GY	2.53
314	-0.2109 GY	2.71
314	-0.0703 GY	2.88
117	-0.0703 GY	0.12
117	-0.2109 GY	0.29
117	-0.3516 GY	0.47
117	-0.4922 GY	0.66
117	-0.6328 GY	0.85
117	-0.7734 GY	1.03
117	-0.9141 GY	1.22
117	-1.0547 GY	1.41
117	-1.0547 GY	1.59
117	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 171

117	-0.7734 GY	1.97
117	-0.6328 GY	2.15
117	-0.4922 GY	2.34
117	-0.3516 GY	2.53
117	-0.2109 GY	2.71
117	-0.0703 GY	2.88
342	-0.0703 GY	0.13
342	-0.2109 GY	0.29
342	-0.3516 GY	0.48
342	-0.4922 GY	0.66
342	-0.6328 GY	0.85
342	-0.7734 GY	1.03
342	-0.9141 GY	1.22
342	-1.0547 GY	1.41
342	-1.0547 GY	1.59
342	-0.9141 GY	1.78
342	-0.7734 GY	1.97
342	-0.6328 GY	2.15
342	-0.4922 GY	2.34
342	-0.3516 GY	2.53
342	-0.2109 GY	2.71
342	-0.0703 GY	2.88
171	-0.0703 GY	0.12
171	-0.2109 GY	0.29
171	-0.3516 GY	0.47
171	-0.4922 GY	0.66
171	-0.6328 GY	0.85
171	-0.7734 GY	1.03
171	-0.9141 GY	1.22
171	-1.0547 GY	1.41
171	-1.0547 GY	1.59
171	-0.9141 GY	1.78
171	-0.7734 GY	1.97
171	-0.6328 GY	2.15
171	-0.4922 GY	2.34
171	-0.3516 GY	2.53
171	-0.2109 GY	2.71
171	-0.0703 GY	2.88
341	-0.0703 GY	0.13
341	-0.2109 GY	0.29
341	-0.3516 GY	0.48
341	-0.4922 GY	0.66
341	-0.6328 GY	0.85
341	-0.7734 GY	1.03
341	-0.9141 GY	1.22
341	-1.0547 GY	1.41
341	-1.0547 GY	1.59
341	-0.9141 GY	1.78
341	-0.7734 GY	1.97
341	-0.6328 GY	2.15
341	-0.4922 GY	2.34
341	-0.3516 GY	2.53
341	-0.2109 GY	2.71
341	-0.0703 GY	2.88
118	-0.0703 GY	0.12
118	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 172

118	-0.3516	GY	0.47
118	-0.4922	GY	0.66
118	-0.6328	GY	0.85
118	-0.7734	GY	1.03
118	-0.9141	GY	1.22
118	-1.0547	GY	1.41
118	-1.0547	GY	1.59
118	-0.9141	GY	1.78
118	-0.7734	GY	1.97
118	-0.6328	GY	2.15
118	-0.4922	GY	2.34
118	-0.3516	GY	2.53
118	-0.2109	GY	2.71
118	-0.0703	GY	2.88
343	-0.0703	GY	0.13
343	-0.2109	GY	0.29
343	-0.3516	GY	0.48
343	-0.4922	GY	0.66
343	-0.6328	GY	0.85
343	-0.7734	GY	1.03
343	-0.9141	GY	1.22
343	-1.0547	GY	1.41
343	-1.0547	GY	1.59
343	-0.9141	GY	1.78
343	-0.7734	GY	1.97
343	-0.6328	GY	2.15
343	-0.4922	GY	2.34
343	-0.3516	GY	2.53
343	-0.2109	GY	2.71
343	-0.0703	GY	2.88
172	-0.0703	GY	0.12
172	-0.2109	GY	0.29
172	-0.3516	GY	0.47
172	-0.4922	GY	0.66
172	-0.6328	GY	0.85
172	-0.7734	GY	1.03
172	-0.9141	GY	1.22
172	-1.0547	GY	1.41
172	-1.0547	GY	1.59
172	-0.9141	GY	1.78
172	-0.7734	GY	1.97
172	-0.6328	GY	2.15
172	-0.4922	GY	2.34
172	-0.3516	GY	2.53
172	-0.2109	GY	2.71
172	-0.0703	GY	2.88
342	-0.0703	GY	0.13
342	-0.2109	GY	0.29
342	-0.3516	GY	0.48
342	-0.4922	GY	0.66
342	-0.6328	GY	0.85
342	-0.7734	GY	1.03
342	-0.9141	GY	1.22
342	-1.0547	GY	1.41
342	-1.0547	GY	1.59
342	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 173

342	-0.7734 GY	1.97
342	-0.6328 GY	2.15
342	-0.4922 GY	2.34
342	-0.3516 GY	2.53
342	-0.2109 GY	2.71
342	-0.0703 GY	2.88
119	-0.0703 GY	0.13
119	-0.2109 GY	0.29
119	-0.3516 GY	0.48
119	-0.4922 GY	0.66
119	-0.6328 GY	0.85
119	-0.7734 GY	1.03
119	-0.9141 GY	1.22
119	-1.0547 GY	1.41
119	-1.0547 GY	1.59
119	-0.9141 GY	1.78
119	-0.7734 GY	1.97
119	-0.6328 GY	2.15
119	-0.4922 GY	2.34
119	-0.3516 GY	2.53
119	-0.2109 GY	2.71
119	-0.0703 GY	2.88
344	-0.0703 GY	0.13
344	-0.2109 GY	0.29
344	-0.3516 GY	0.48
344	-0.4922 GY	0.66
344	-0.6328 GY	0.85
344	-0.7734 GY	1.03
344	-0.9141 GY	1.22
344	-1.0547 GY	1.41
344	-1.0547 GY	1.59
344	-0.9141 GY	1.78
344	-0.7734 GY	1.97
344	-0.6328 GY	2.15
344	-0.4922 GY	2.34
344	-0.3516 GY	2.53
344	-0.2109 GY	2.71
344	-0.0703 GY	2.88
173	-0.0703 GY	0.13
173	-0.2109 GY	0.29
173	-0.3516 GY	0.48
173	-0.4922 GY	0.66
173	-0.6328 GY	0.85
173	-0.7734 GY	1.03
173	-0.9141 GY	1.22
173	-1.0547 GY	1.41
173	-1.0547 GY	1.59
173	-0.9141 GY	1.78
173	-0.7734 GY	1.97
173	-0.6328 GY	2.15
173	-0.4922 GY	2.34
173	-0.3516 GY	2.53
173	-0.2109 GY	2.71
173	-0.0703 GY	2.88
343	-0.0703 GY	0.13
343	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 174

343	-0.3516 GY	0.48
343	-0.4922 GY	0.66
343	-0.6328 GY	0.85
343	-0.7734 GY	1.03
343	-0.9141 GY	1.22
343	-1.0547 GY	1.41
343	-1.0547 GY	1.59
343	-0.9141 GY	1.78
343	-0.7734 GY	1.97
343	-0.6328 GY	2.15
343	-0.4922 GY	2.34
343	-0.3516 GY	2.53
343	-0.2109 GY	2.71
343	-0.0703 GY	2.88
120	-0.0703 GY	0.12
120	-0.2109 GY	0.29
120	-0.3516 GY	0.47
120	-0.4922 GY	0.66
120	-0.6328 GY	0.85
120	-0.7734 GY	1.03
120	-0.9141 GY	1.22
120	-1.0547 GY	1.41
120	-1.0547 GY	1.59
120	-0.9141 GY	1.78
120	-0.7734 GY	1.97
120	-0.6328 GY	2.15
120	-0.4922 GY	2.34
120	-0.3516 GY	2.52
120	-0.2109 GY	2.71
120	-0.0703 GY	2.87
345	-0.0703 GY	0.13
345	-0.2109 GY	0.29
345	-0.3516 GY	0.48
345	-0.4922 GY	0.66
345	-0.6328 GY	0.85
345	-0.7734 GY	1.03
345	-0.9141 GY	1.22
345	-1.0547 GY	1.41
345	-1.0547 GY	1.59
345	-0.9141 GY	1.78
345	-0.7734 GY	1.97
345	-0.6328 GY	2.15
345	-0.4922 GY	2.34
345	-0.3516 GY	2.53
345	-0.2109 GY	2.71
345	-0.0703 GY	2.88
174	-0.0703 GY	0.12
174	-0.2109 GY	0.29
174	-0.3516 GY	0.47
174	-0.4922 GY	0.66
174	-0.6328 GY	0.85
174	-0.7734 GY	1.03
174	-0.9141 GY	1.22
174	-1.0547 GY	1.41
174	-1.0547 GY	1.59
174	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 175

174	-0.7734 GY	1.97
174	-0.6328 GY	2.15
174	-0.4922 GY	2.34
174	-0.3516 GY	2.52
174	-0.2109 GY	2.71
174	-0.0703 GY	2.87
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344	-0.2109 GY	0.29
344	-0.3516 GY	0.48
344	-0.4922 GY	0.66
344	-0.6328 GY	0.85
344	-0.7734 GY	1.03
344	-0.9141 GY	1.22
344	-1.0547 GY	1.41
344	-1.0547 GY	1.59
344	-0.9141 GY	1.78
344	-0.7734 GY	1.97
344	-0.6328 GY	2.15
344	-0.4922 GY	2.34
344	-0.3516 GY	2.53
344	-0.2109 GY	2.71
344	-0.0703 GY	2.88
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171	-0.2109 GY	0.29
171	-0.3516 GY	0.47
171	-0.4922 GY	0.66
171	-0.6328 GY	0.85
171	-0.7734 GY	1.03
171	-0.9141 GY	1.22
171	-1.0547 GY	1.41
171	-1.0547 GY	1.59
171	-0.9141 GY	1.78
171	-0.7734 GY	1.97
171	-0.6328 GY	2.15
171	-0.4922 GY	2.34
171	-0.3516 GY	2.53
171	-0.2109 GY	2.71
171	-0.0703 GY	2.88
372	-0.0703 GY	0.12
372	-0.2109 GY	0.29
372	-0.3516 GY	0.47
372	-0.4922 GY	0.66
372	-0.6328 GY	0.85
372	-0.7734 GY	1.03
372	-0.9141 GY	1.22
372	-1.0547 GY	1.41
372	-1.0547 GY	1.59
372	-0.9141 GY	1.78
372	-0.7734 GY	1.97
372	-0.6328 GY	2.15
372	-0.4922 GY	2.34
372	-0.3516 GY	2.52
372	-0.2109 GY	2.71
372	-0.0703 GY	2.87
225	-0.0703 GY	0.12
225	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 176

225	-0.3516 GY	0.47
225	-0.4922 GY	0.66
225	-0.6328 GY	0.85
225	-0.7734 GY	1.03
225	-0.9141 GY	1.22
225	-1.0547 GY	1.41
225	-1.0547 GY	1.59
225	-0.9141 GY	1.78
225	-0.7734 GY	1.97
225	-0.6328 GY	2.15
225	-0.4922 GY	2.34
225	-0.3516 GY	2.53
225	-0.2109 GY	2.71
225	-0.0703 GY	2.88
371	-0.0703 GY	0.12
371	-0.2109 GY	0.29
371	-0.3516 GY	0.47
371	-0.4922 GY	0.66
371	-0.6328 GY	0.85
371	-0.7734 GY	1.03
371	-0.9141 GY	1.22
371	-1.0547 GY	1.41
371	-1.0547 GY	1.59
371	-0.9141 GY	1.78
371	-0.7734 GY	1.97
371	-0.6328 GY	2.15
371	-0.4922 GY	2.34
371	-0.3516 GY	2.52
371	-0.2109 GY	2.71
371	-0.0703 GY	2.87
172	-0.0703 GY	0.12
172	-0.2109 GY	0.29
172	-0.3516 GY	0.47
172	-0.4922 GY	0.66
172	-0.6328 GY	0.85
172	-0.7734 GY	1.03
172	-0.9141 GY	1.22
172	-1.0547 GY	1.41
172	-1.0547 GY	1.59
172	-0.9141 GY	1.78
172	-0.7734 GY	1.97
172	-0.6328 GY	2.15
172	-0.4922 GY	2.34
172	-0.3516 GY	2.53
172	-0.2109 GY	2.71
172	-0.0703 GY	2.88
373	-0.0703 GY	0.12
373	-0.2109 GY	0.29
373	-0.3516 GY	0.47
373	-0.4922 GY	0.66
373	-0.6328 GY	0.85
373	-0.7734 GY	1.03
373	-0.9141 GY	1.22
373	-1.0547 GY	1.41
373	-1.0547 GY	1.59
373	-0.9141 GY	1.78



STAAD SPACE

-- PAGE NO. 177

373	-0.7734 GY	1.97
373	-0.6328 GY	2.15
373	-0.4922 GY	2.34
373	-0.3516 GY	2.52
373	-0.2109 GY	2.71
373	-0.0703 GY	2.87
226	-0.0703 GY	0.12
226	-0.2109 GY	0.29
226	-0.3516 GY	0.47
226	-0.4922 GY	0.66
226	-0.6328 GY	0.85
226	-0.7734 GY	1.03
226	-0.9141 GY	1.22
226	-1.0547 GY	1.41
226	-1.0547 GY	1.59
226	-0.9141 GY	1.78
226	-0.7734 GY	1.97
226	-0.6328 GY	2.15
226	-0.4922 GY	2.34
226	-0.3516 GY	2.53
226	-0.2109 GY	2.71
226	-0.0703 GY	2.88
372	-0.0703 GY	0.12
372	-0.2109 GY	0.29
372	-0.3516 GY	0.47
372	-0.4922 GY	0.66
372	-0.6328 GY	0.85
372	-0.7734 GY	1.03
372	-0.9141 GY	1.22
372	-1.0547 GY	1.41
372	-1.0547 GY	1.59
372	-0.9141 GY	1.78
372	-0.7734 GY	1.97
372	-0.6328 GY	2.15
372	-0.4922 GY	2.34
372	-0.3516 GY	2.52
372	-0.2109 GY	2.71
372	-0.0703 GY	2.87
173	-0.0703 GY	0.13
173	-0.2109 GY	0.29
173	-0.3516 GY	0.48
173	-0.4922 GY	0.66
173	-0.6328 GY	0.85
173	-0.7734 GY	1.03
173	-0.9141 GY	1.22
173	-1.0547 GY	1.41
173	-1.0547 GY	1.59
173	-0.9141 GY	1.78
173	-0.7734 GY	1.97
173	-0.6328 GY	2.15
173	-0.4922 GY	2.34
173	-0.3516 GY	2.53
173	-0.2109 GY	2.71
173	-0.0703 GY	2.88
374	-0.0703 GY	0.12
374	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 178

374	-0.3516 GY	0.47
374	-0.4922 GY	0.66
374	-0.6328 GY	0.85
374	-0.7734 GY	1.03
374	-0.9141 GY	1.22
374	-1.0547 GY	1.41
374	-1.0547 GY	1.59
374	-0.9141 GY	1.78
374	-0.7734 GY	1.97
374	-0.6328 GY	2.15
374	-0.4922 GY	2.34
374	-0.3516 GY	2.52
374	-0.2109 GY	2.71
374	-0.0703 GY	2.87
227	-0.0703 GY	0.13
227	-0.2109 GY	0.29
227	-0.3516 GY	0.48
227	-0.4922 GY	0.66
227	-0.6328 GY	0.85
227	-0.7734 GY	1.03
227	-0.9141 GY	1.22
227	-1.0547 GY	1.41
227	-1.0547 GY	1.59
227	-0.9141 GY	1.78
227	-0.7734 GY	1.97
227	-0.6328 GY	2.15
227	-0.4922 GY	2.34
227	-0.3516 GY	2.53
227	-0.2109 GY	2.71
227	-0.0703 GY	2.88
373	-0.0703 GY	0.12
373	-0.2109 GY	0.29
373	-0.3516 GY	0.47
373	-0.4922 GY	0.66
373	-0.6328 GY	0.85
373	-0.7734 GY	1.03
373	-0.9141 GY	1.22
373	-1.0547 GY	1.41
373	-1.0547 GY	1.59
373	-0.9141 GY	1.78
373	-0.7734 GY	1.97
373	-0.6328 GY	2.15
373	-0.4922 GY	2.34
373	-0.3516 GY	2.52
373	-0.2109 GY	2.71
373	-0.0703 GY	2.87
174	-0.0703 GY	0.12
174	-0.2109 GY	0.29
174	-0.3516 GY	0.47
174	-0.4922 GY	0.66
174	-0.6328 GY	0.85
174	-0.7734 GY	1.03
174	-0.9141 GY	1.22
174	-1.0547 GY	1.41
174	-1.0547 GY	1.59
174	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 179

174	-0.7734 GY	1.97
174	-0.6328 GY	2.15
174	-0.4922 GY	2.34
174	-0.3516 GY	2.52
174	-0.2109 GY	2.71
174	-0.0703 GY	2.87
375	-0.0703 GY	0.12
375	-0.2109 GY	0.29
375	-0.3516 GY	0.47
375	-0.4922 GY	0.66
375	-0.6328 GY	0.85
375	-0.7734 GY	1.03
375	-0.9141 GY	1.22
375	-1.0547 GY	1.41
375	-1.0547 GY	1.59
375	-0.9141 GY	1.78
375	-0.7734 GY	1.97
375	-0.6328 GY	2.15
375	-0.4922 GY	2.34
375	-0.3516 GY	2.52
375	-0.2109 GY	2.71
375	-0.0703 GY	2.87
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228	-0.2109 GY	0.29
228	-0.3516 GY	0.47
228	-0.4922 GY	0.66
228	-0.6328 GY	0.85
228	-0.7734 GY	1.03
228	-0.9141 GY	1.22
228	-1.0547 GY	1.41
228	-1.0547 GY	1.59
228	-0.9141 GY	1.78
228	-0.7734 GY	1.97
228	-0.6328 GY	2.15
228	-0.4922 GY	2.34
228	-0.3516 GY	2.52
228	-0.2109 GY	2.71
228	-0.0703 GY	2.87
374	-0.0703 GY	0.12
374	-0.2109 GY	0.29
374	-0.3516 GY	0.47
374	-0.4922 GY	0.66
374	-0.6328 GY	0.85
374	-0.7734 GY	1.03
374	-0.9141 GY	1.22
374	-1.0547 GY	1.41
374	-1.0547 GY	1.59
374	-0.9141 GY	1.78
374	-0.7734 GY	1.97
374	-0.6328 GY	2.15
374	-0.4922 GY	2.34
374	-0.3516 GY	2.52
374	-0.2109 GY	2.71
374	-0.0703 GY	2.87
13	-0.0703 GY	0.12
13	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 180

13	-0.3516 GY	0.47
13	-0.4922 GY	0.66
13	-0.6328 GY	0.85
13	-0.7734 GY	1.03
13	-0.9141 GY	1.22
13	-1.0547 GY	1.41
13	-1.0547 GY	1.59
13	-0.9141 GY	1.78
13	-0.7734 GY	1.97
13	-0.6328 GY	2.15
13	-0.4922 GY	2.34
13	-0.3516 GY	2.53
13	-0.2109 GY	2.71
13	-0.0703 GY	2.88
287	-0.0703 GY	0.12
287	-0.2109 GY	0.29
287	-0.3516 GY	0.47
287	-0.4922 GY	0.66
287	-0.6328 GY	0.85
287	-0.7734 GY	1.03
287	-0.9141 GY	1.22
287	-1.0547 GY	1.41
287	-1.0547 GY	1.59
287	-0.9141 GY	1.78
287	-0.7734 GY	1.97
287	-0.6328 GY	2.15
287	-0.4922 GY	2.34
287	-0.3516 GY	2.53
287	-0.2109 GY	2.71
287	-0.0703 GY	2.88
67	-0.0703 GY	0.12
67	-0.2109 GY	0.29
67	-0.3516 GY	0.47
67	-0.4922 GY	0.66
67	-0.6328 GY	0.85
67	-0.7734 GY	1.03
67	-0.9141 GY	1.22
67	-1.0547 GY	1.41
67	-1.0547 GY	1.59
67	-0.9141 GY	1.78
67	-0.7734 GY	1.97
67	-0.6328 GY	2.15
67	-0.4922 GY	2.34
67	-0.3516 GY	2.53
67	-0.2109 GY	2.71
67	-0.0703 GY	2.88
286	-0.0703 GY	0.12
286	-0.2109 GY	0.29
286	-0.3516 GY	0.47
286	-0.4922 GY	0.66
286	-0.6328 GY	0.85
286	-0.7734 GY	1.03
286	-0.9141 GY	1.22
286	-1.0547 GY	1.41
286	-1.0547 GY	1.59
286	-0.9141 GY	1.78

STAAD SPACE

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286	-0.7734 GY	1.97
286	-0.6328 GY	2.15
286	-0.4922 GY	2.34
286	-0.3516 GY	2.53
286	-0.2109 GY	2.71
286	-0.0703 GY	2.88
14	-0.0703 GY	0.12
14	-0.2109 GY	0.29
14	-0.3516 GY	0.47
14	-0.4922 GY	0.66
14	-0.6328 GY	0.85
14	-0.7734 GY	1.03
14	-0.9141 GY	1.22
14	-1.0547 GY	1.41
14	-1.0547 GY	1.59
14	-0.9141 GY	1.78
14	-0.7734 GY	1.97
14	-0.6328 GY	2.15
14	-0.4922 GY	2.34
14	-0.3516 GY	2.53
14	-0.2109 GY	2.71
14	-0.0703 GY	2.88
288	-0.0703 GY	0.12
288	-0.2109 GY	0.29
288	-0.3516 GY	0.47
288	-0.4922 GY	0.66
288	-0.6328 GY	0.85
288	-0.7734 GY	1.03
288	-0.9141 GY	1.22
288	-1.0547 GY	1.41
288	-1.0547 GY	1.59
288	-0.9141 GY	1.78
288	-0.7734 GY	1.97
288	-0.6328 GY	2.15
288	-0.4922 GY	2.34
288	-0.3516 GY	2.53
288	-0.2109 GY	2.71
288	-0.0703 GY	2.88
68	-0.0703 GY	0.12
68	-0.2109 GY	0.29
68	-0.3516 GY	0.47
68	-0.4922 GY	0.66
68	-0.6328 GY	0.85
68	-0.7734 GY	1.03
68	-0.9141 GY	1.22
68	-1.0547 GY	1.41
68	-1.0547 GY	1.59
68	-0.9141 GY	1.78
68	-0.7734 GY	1.97
68	-0.6328 GY	2.15
68	-0.4922 GY	2.34
68	-0.3516 GY	2.53
68	-0.2109 GY	2.71
68	-0.0703 GY	2.88
287	-0.0703 GY	0.12
287	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 182

287	-0.3516 GY	0.47
287	-0.4922 GY	0.66
287	-0.6328 GY	0.85
287	-0.7734 GY	1.03
287	-0.9141 GY	1.22
287	-1.0547 GY	1.41
287	-1.0547 GY	1.59
287	-0.9141 GY	1.78
287	-0.7734 GY	1.97
287	-0.6328 GY	2.15
287	-0.4922 GY	2.34
287	-0.3516 GY	2.53
287	-0.2109 GY	2.71
287	-0.0703 GY	2.88
15	-0.0703 GY	0.13
15	-0.2109 GY	0.29
15	-0.3516 GY	0.48
15	-0.4922 GY	0.66
15	-0.6328 GY	0.85
15	-0.7734 GY	1.03
15	-0.9141 GY	1.22
15	-1.0547 GY	1.41
15	-1.0547 GY	1.59
15	-0.9141 GY	1.78
15	-0.7734 GY	1.97
15	-0.6328 GY	2.15
15	-0.4922 GY	2.34
15	-0.3516 GY	2.53
15	-0.2109 GY	2.71
15	-0.0703 GY	2.88
289	-0.0703 GY	0.12
289	-0.2109 GY	0.29
289	-0.3516 GY	0.47
289	-0.4922 GY	0.66
289	-0.6328 GY	0.85
289	-0.7734 GY	1.03
289	-0.9141 GY	1.22
289	-1.0547 GY	1.41
289	-1.0547 GY	1.59
289	-0.9141 GY	1.78
289	-0.7734 GY	1.97
289	-0.6328 GY	2.15
289	-0.4922 GY	2.34
289	-0.3516 GY	2.53
289	-0.2109 GY	2.71
289	-0.0703 GY	2.88
69	-0.0703 GY	0.13
69	-0.2109 GY	0.29
69	-0.3516 GY	0.48
69	-0.4922 GY	0.66
69	-0.6328 GY	0.85
69	-0.7734 GY	1.03
69	-0.9141 GY	1.22
69	-1.0547 GY	1.41
69	-1.0547 GY	1.59
69	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 183

69	-0.7734 GY	1.97
69	-0.6328 GY	2.15
69	-0.4922 GY	2.34
69	-0.3516 GY	2.53
69	-0.2109 GY	2.71
69	-0.0703 GY	2.88
288	-0.0703 GY	0.12
288	-0.2109 GY	0.29
288	-0.3516 GY	0.47
288	-0.4922 GY	0.66
288	-0.6328 GY	0.85
288	-0.7734 GY	1.03
288	-0.9141 GY	1.22
288	-1.0547 GY	1.41
288	-1.0547 GY	1.59
288	-0.9141 GY	1.78
288	-0.7734 GY	1.97
288	-0.6328 GY	2.15
288	-0.4922 GY	2.34
288	-0.3516 GY	2.53
288	-0.2109 GY	2.71
288	-0.0703 GY	2.88
16	-0.0703 GY	0.12
16	-0.2109 GY	0.29
16	-0.3516 GY	0.47
16	-0.4922 GY	0.66
16	-0.6328 GY	0.85
16	-0.7734 GY	1.03
16	-0.9141 GY	1.22
16	-1.0547 GY	1.41
16	-1.0547 GY	1.59
16	-0.9141 GY	1.78
16	-0.7734 GY	1.97
16	-0.6328 GY	2.15
16	-0.4922 GY	2.34
16	-0.3516 GY	2.52
16	-0.2109 GY	2.71
16	-0.0703 GY	2.87
290	-0.0703 GY	0.12
290	-0.2109 GY	0.29
290	-0.3516 GY	0.47
290	-0.4922 GY	0.66
290	-0.6328 GY	0.85
290	-0.7734 GY	1.03
290	-0.9141 GY	1.22
290	-1.0547 GY	1.41
290	-1.0547 GY	1.59
290	-0.9141 GY	1.78
290	-0.7734 GY	1.97
290	-0.6328 GY	2.15
290	-0.4922 GY	2.34
290	-0.3516 GY	2.53
290	-0.2109 GY	2.71
290	-0.0703 GY	2.88
70	-0.0703 GY	0.12
70	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 184

70	-0.3516	GY	0.47
70	-0.4922	GY	0.66
70	-0.6328	GY	0.85
70	-0.7734	GY	1.03
70	-0.9141	GY	1.22
70	-1.0547	GY	1.41
70	-1.0547	GY	1.59
70	-0.9141	GY	1.78
70	-0.7734	GY	1.97
70	-0.6328	GY	2.15
70	-0.4922	GY	2.34
70	-0.3516	GY	2.52
70	-0.2109	GY	2.71
70	-0.0703	GY	2.87
289	-0.0703	GY	0.12
289	-0.2109	GY	0.29
289	-0.3516	GY	0.47
289	-0.4922	GY	0.66
289	-0.6328	GY	0.85
289	-0.7734	GY	1.03
289	-0.9141	GY	1.22
289	-1.0547	GY	1.41
289	-1.0547	GY	1.59
289	-0.9141	GY	1.78
289	-0.7734	GY	1.97
289	-0.6328	GY	2.15
289	-0.4922	GY	2.34
289	-0.3516	GY	2.53
289	-0.2109	GY	2.71
289	-0.0703	GY	2.88
67	-0.0703	GY	0.12
67	-0.2109	GY	0.29
67	-0.3516	GY	0.47
67	-0.4922	GY	0.66
67	-0.6328	GY	0.85
67	-0.7734	GY	1.03
67	-0.9141	GY	1.22
67	-1.0547	GY	1.41
67	-1.0547	GY	1.59
67	-0.9141	GY	1.78
67	-0.7734	GY	1.97
67	-0.6328	GY	2.15
67	-0.4922	GY	2.34
67	-0.3516	GY	2.53
67	-0.2109	GY	2.71
67	-0.0703	GY	2.88
317	-0.0703	GY	0.12
317	-0.2109	GY	0.29
317	-0.3516	GY	0.47
317	-0.4922	GY	0.66
317	-0.6328	GY	0.85
317	-0.7734	GY	1.03
317	-0.9141	GY	1.22
317	-1.0547	GY	1.41
317	-1.0547	GY	1.59
317	-0.9141	GY	1.78



STAAD SPACE

-- PAGE NO. 185

317	-0.7734 GY	1.97
317	-0.6328 GY	2.15
317	-0.4922 GY	2.34
317	-0.3516 GY	2.53
317	-0.2109 GY	2.71
317	-0.0703 GY	2.88
121	-0.0703 GY	0.12
121	-0.2109 GY	0.29
121	-0.3516 GY	0.47
121	-0.4922 GY	0.66
121	-0.6328 GY	0.85
121	-0.7734 GY	1.03
121	-0.9141 GY	1.22
121	-1.0547 GY	1.41
121	-1.0547 GY	1.59
121	-0.9141 GY	1.78
121	-0.7734 GY	1.97
121	-0.6328 GY	2.15
121	-0.4922 GY	2.34
121	-0.3516 GY	2.53
121	-0.2109 GY	2.71
121	-0.0703 GY	2.88
316	-0.0703 GY	0.12
316	-0.2109 GY	0.29
316	-0.3516 GY	0.47
316	-0.4922 GY	0.66
316	-0.6328 GY	0.85
316	-0.7734 GY	1.03
316	-0.9141 GY	1.22
316	-1.0547 GY	1.41
316	-1.0547 GY	1.59
316	-0.9141 GY	1.78
316	-0.7734 GY	1.97
316	-0.6328 GY	2.15
316	-0.4922 GY	2.34
316	-0.3516 GY	2.53
316	-0.2109 GY	2.71
316	-0.0703 GY	2.88
68	-0.0703 GY	0.12
68	-0.2109 GY	0.29
68	-0.3516 GY	0.47
68	-0.4922 GY	0.66
68	-0.6328 GY	0.85
68	-0.7734 GY	1.03
68	-0.9141 GY	1.22
68	-1.0547 GY	1.41
68	-1.0547 GY	1.59
68	-0.9141 GY	1.78
68	-0.7734 GY	1.97
68	-0.6328 GY	2.15
68	-0.4922 GY	2.34
68	-0.3516 GY	2.53
68	-0.2109 GY	2.71
68	-0.0703 GY	2.88
318	-0.0703 GY	0.12
318	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 186

318	-0.3516	GY	0.47
318	-0.4922	GY	0.66
318	-0.6328	GY	0.85
318	-0.7734	GY	1.03
318	-0.9141	GY	1.22
318	-1.0547	GY	1.41
318	-1.0547	GY	1.59
318	-0.9141	GY	1.78
318	-0.7734	GY	1.97
318	-0.6328	GY	2.15
318	-0.4922	GY	2.34
318	-0.3516	GY	2.53
318	-0.2109	GY	2.71
318	-0.0703	GY	2.88
122	-0.0703	GY	0.12
122	-0.2109	GY	0.29
122	-0.3516	GY	0.47
122	-0.4922	GY	0.66
122	-0.6328	GY	0.85
122	-0.7734	GY	1.03
122	-0.9141	GY	1.22
122	-1.0547	GY	1.41
122	-1.0547	GY	1.59
122	-0.9141	GY	1.78
122	-0.7734	GY	1.97
122	-0.6328	GY	2.15
122	-0.4922	GY	2.34
122	-0.3516	GY	2.53
122	-0.2109	GY	2.71
122	-0.0703	GY	2.88
317	-0.0703	GY	0.12
317	-0.2109	GY	0.29
317	-0.3516	GY	0.47
317	-0.4922	GY	0.66
317	-0.6328	GY	0.85
317	-0.7734	GY	1.03
317	-0.9141	GY	1.22
317	-1.0547	GY	1.41
317	-1.0547	GY	1.59
317	-0.9141	GY	1.78
317	-0.7734	GY	1.97
317	-0.6328	GY	2.15
317	-0.4922	GY	2.34
317	-0.3516	GY	2.53
317	-0.2109	GY	2.71
317	-0.0703	GY	2.88
69	-0.0703	GY	0.13
69	-0.2109	GY	0.29
69	-0.3516	GY	0.48
69	-0.4922	GY	0.66
69	-0.6328	GY	0.85
69	-0.7734	GY	1.03
69	-0.9141	GY	1.22
69	-1.0547	GY	1.41
69	-1.0547	GY	1.59
69	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 187

69	-0.7734 GY	1.97
69	-0.6328 GY	2.15
69	-0.4922 GY	2.34
69	-0.3516 GY	2.53
69	-0.2109 GY	2.71
69	-0.0703 GY	2.88
319	-0.0703 GY	0.12
319	-0.2109 GY	0.29
319	-0.3516 GY	0.47
319	-0.4922 GY	0.66
319	-0.6328 GY	0.85
319	-0.7734 GY	1.03
319	-0.9141 GY	1.22
319	-1.0547 GY	1.41
319	-1.0547 GY	1.59
319	-0.9141 GY	1.78
319	-0.7734 GY	1.97
319	-0.6328 GY	2.15
319	-0.4922 GY	2.34
319	-0.3516 GY	2.53
319	-0.2109 GY	2.71
319	-0.0703 GY	2.88
123	-0.0703 GY	0.13
123	-0.2109 GY	0.29
123	-0.3516 GY	0.48
123	-0.4922 GY	0.66
123	-0.6328 GY	0.85
123	-0.7734 GY	1.03
123	-0.9141 GY	1.22
123	-1.0547 GY	1.41
123	-1.0547 GY	1.59
123	-0.9141 GY	1.78
123	-0.7734 GY	1.97
123	-0.6328 GY	2.15
123	-0.4922 GY	2.34
123	-0.3516 GY	2.53
123	-0.2109 GY	2.71
123	-0.0703 GY	2.88
318	-0.0703 GY	0.12
318	-0.2109 GY	0.29
318	-0.3516 GY	0.47
318	-0.4922 GY	0.66
318	-0.6328 GY	0.85
318	-0.7734 GY	1.03
318	-0.9141 GY	1.22
318	-1.0547 GY	1.41
318	-1.0547 GY	1.59
318	-0.9141 GY	1.78
318	-0.7734 GY	1.97
318	-0.6328 GY	2.15
318	-0.4922 GY	2.34
318	-0.3516 GY	2.53
318	-0.2109 GY	2.71
318	-0.0703 GY	2.88
70	-0.0703 GY	0.12
70	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 188

70	-0.3516 GY	0.47
70	-0.4922 GY	0.66
70	-0.6328 GY	0.85
70	-0.7734 GY	1.03
70	-0.9141 GY	1.22
70	-1.0547 GY	1.41
70	-1.0547 GY	1.59
70	-0.9141 GY	1.78
70	-0.7734 GY	1.97
70	-0.6328 GY	2.15
70	-0.4922 GY	2.34
70	-0.3516 GY	2.52
70	-0.2109 GY	2.71
70	-0.0703 GY	2.87
320	-0.0703 GY	0.12
320	-0.2109 GY	0.29
320	-0.3516 GY	0.47
320	-0.4922 GY	0.66
320	-0.6328 GY	0.85
320	-0.7734 GY	1.03
320	-0.9141 GY	1.22
320	-1.0547 GY	1.41
320	-1.0547 GY	1.59
320	-0.9141 GY	1.78
320	-0.7734 GY	1.97
320	-0.6328 GY	2.15
320	-0.4922 GY	2.34
320	-0.3516 GY	2.53
320	-0.2109 GY	2.71
320	-0.0703 GY	2.88
124	-0.0703 GY	0.12
124	-0.2109 GY	0.29
124	-0.3516 GY	0.47
124	-0.4922 GY	0.66
124	-0.6328 GY	0.85
124	-0.7734 GY	1.03
124	-0.9141 GY	1.22
124	-1.0547 GY	1.41
124	-1.0547 GY	1.59
124	-0.9141 GY	1.78
124	-0.7734 GY	1.97
124	-0.6328 GY	2.15
124	-0.4922 GY	2.34
124	-0.3516 GY	2.52
124	-0.2109 GY	2.71
124	-0.0703 GY	2.87
319	-0.0703 GY	0.12
319	-0.2109 GY	0.29
319	-0.3516 GY	0.47
319	-0.4922 GY	0.66
319	-0.6328 GY	0.85
319	-0.7734 GY	1.03
319	-0.9141 GY	1.22
319	-1.0547 GY	1.41
319	-1.0547 GY	1.59
319	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 189

319	-0.7734 GY	1.97
319	-0.6328 GY	2.15
319	-0.4922 GY	2.34
319	-0.3516 GY	2.53
319	-0.2109 GY	2.71
319	-0.0703 GY	2.88
121	-0.0703 GY	0.12
121	-0.2109 GY	0.29
121	-0.3516 GY	0.47
121	-0.4922 GY	0.66
121	-0.6328 GY	0.85
121	-0.7734 GY	1.03
121	-0.9141 GY	1.22
121	-1.0547 GY	1.41
121	-1.0547 GY	1.59
121	-0.9141 GY	1.78
121	-0.7734 GY	1.97
121	-0.6328 GY	2.15
121	-0.4922 GY	2.34
121	-0.3516 GY	2.53
121	-0.2109 GY	2.71
121	-0.0703 GY	2.88
347	-0.0703 GY	0.13
347	-0.2109 GY	0.29
347	-0.3516 GY	0.48
347	-0.4922 GY	0.66
347	-0.6328 GY	0.85
347	-0.7734 GY	1.03
347	-0.9141 GY	1.22
347	-1.0547 GY	1.41
347	-1.0547 GY	1.59
347	-0.9141 GY	1.78
347	-0.7734 GY	1.97
347	-0.6328 GY	2.15
347	-0.4922 GY	2.34
347	-0.3516 GY	2.53
347	-0.2109 GY	2.71
347	-0.0703 GY	2.88
175	-0.0703 GY	0.12
175	-0.2109 GY	0.29
175	-0.3516 GY	0.47
175	-0.4922 GY	0.66
175	-0.6328 GY	0.85
175	-0.7734 GY	1.03
175	-0.9141 GY	1.22
175	-1.0547 GY	1.41
175	-1.0547 GY	1.59
175	-0.9141 GY	1.78
175	-0.7734 GY	1.97
175	-0.6328 GY	2.15
175	-0.4922 GY	2.34
175	-0.3516 GY	2.53
175	-0.2109 GY	2.71
175	-0.0703 GY	2.88
346	-0.0703 GY	0.13
346	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 190

346	-0.3516 GY	0.48
346	-0.4922 GY	0.66
346	-0.6328 GY	0.85
346	-0.7734 GY	1.03
346	-0.9141 GY	1.22
346	-1.0547 GY	1.41
346	-1.0547 GY	1.59
346	-0.9141 GY	1.78
346	-0.7734 GY	1.97
346	-0.6328 GY	2.15
346	-0.4922 GY	2.34
346	-0.3516 GY	2.53
346	-0.2109 GY	2.71
346	-0.0703 GY	2.88
122	-0.0703 GY	0.12
122	-0.2109 GY	0.29
122	-0.3516 GY	0.47
122	-0.4922 GY	0.66
122	-0.6328 GY	0.85
122	-0.7734 GY	1.03
122	-0.9141 GY	1.22
122	-1.0547 GY	1.41
122	-1.0547 GY	1.59
122	-0.9141 GY	1.78
122	-0.7734 GY	1.97
122	-0.6328 GY	2.15
122	-0.4922 GY	2.34
122	-0.3516 GY	2.53
122	-0.2109 GY	2.71
122	-0.0703 GY	2.88
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348	-0.2109 GY	0.29
348	-0.3516 GY	0.48
348	-0.4922 GY	0.66
348	-0.6328 GY	0.85
348	-0.7734 GY	1.03
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348	-1.0547 GY	1.41
348	-1.0547 GY	1.59
348	-0.9141 GY	1.78
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348	-0.3516 GY	2.53
348	-0.2109 GY	2.71
348	-0.0703 GY	2.88
176	-0.0703 GY	0.12
176	-0.2109 GY	0.29
176	-0.3516 GY	0.47
176	-0.4922 GY	0.66
176	-0.6328 GY	0.85
176	-0.7734 GY	1.03
176	-0.9141 GY	1.22
176	-1.0547 GY	1.41
176	-1.0547 GY	1.59
176	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 191

176	-0.7734 GY	1.97
176	-0.6328 GY	2.15
176	-0.4922 GY	2.34
176	-0.3516 GY	2.53
176	-0.2109 GY	2.71
176	-0.0703 GY	2.88
347	-0.0703 GY	0.13
347	-0.2109 GY	0.29
347	-0.3516 GY	0.48
347	-0.4922 GY	0.66
347	-0.6328 GY	0.85
347	-0.7734 GY	1.03
347	-0.9141 GY	1.22
347	-1.0547 GY	1.41
347	-1.0547 GY	1.59
347	-0.9141 GY	1.78
347	-0.7734 GY	1.97
347	-0.6328 GY	2.15
347	-0.4922 GY	2.34
347	-0.3516 GY	2.53
347	-0.2109 GY	2.71
347	-0.0703 GY	2.88
123	-0.0703 GY	0.13
123	-0.2109 GY	0.29
123	-0.3516 GY	0.48
123	-0.4922 GY	0.66
123	-0.6328 GY	0.85
123	-0.7734 GY	1.03
123	-0.9141 GY	1.22
123	-1.0547 GY	1.41
123	-1.0547 GY	1.59
123	-0.9141 GY	1.78
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123	-0.3516 GY	2.53
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123	-0.0703 GY	2.88
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349	-0.6328 GY	0.85
349	-0.7734 GY	1.03
349	-0.9141 GY	1.22
349	-1.0547 GY	1.41
349	-1.0547 GY	1.59
349	-0.9141 GY	1.78
349	-0.7734 GY	1.97
349	-0.6328 GY	2.15
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349	-0.3516 GY	2.53
349	-0.2109 GY	2.71
349	-0.0703 GY	2.88
177	-0.0703 GY	0.13
177	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 192

177	-0.3516	GY	0.48
177	-0.4922	GY	0.66
177	-0.6328	GY	0.85
177	-0.7734	GY	1.03
177	-0.9141	GY	1.22
177	-1.0547	GY	1.41
177	-1.0547	GY	1.59
177	-0.9141	GY	1.78
177	-0.7734	GY	1.97
177	-0.6328	GY	2.15
177	-0.4922	GY	2.34
177	-0.3516	GY	2.53
177	-0.2109	GY	2.71
177	-0.0703	GY	2.88
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348	-0.3516	GY	0.48
348	-0.4922	GY	0.66
348	-0.6328	GY	0.85
348	-0.7734	GY	1.03
348	-0.9141	GY	1.22
348	-1.0547	GY	1.41
348	-1.0547	GY	1.59
348	-0.9141	GY	1.78
348	-0.7734	GY	1.97
348	-0.6328	GY	2.15
348	-0.4922	GY	2.34
348	-0.3516	GY	2.53
348	-0.2109	GY	2.71
348	-0.0703	GY	2.88
124	-0.0703	GY	0.12
124	-0.2109	GY	0.29
124	-0.3516	GY	0.47
124	-0.4922	GY	0.66
124	-0.6328	GY	0.85
124	-0.7734	GY	1.03
124	-0.9141	GY	1.22
124	-1.0547	GY	1.41
124	-1.0547	GY	1.59
124	-0.9141	GY	1.78
124	-0.7734	GY	1.97
124	-0.6328	GY	2.15
124	-0.4922	GY	2.34
124	-0.3516	GY	2.52
124	-0.2109	GY	2.71
124	-0.0703	GY	2.87
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350	-0.4922	GY	0.66
350	-0.6328	GY	0.85
350	-0.7734	GY	1.03
350	-0.9141	GY	1.22
350	-1.0547	GY	1.41
350	-1.0547	GY	1.59
350	-0.9141	GY	1.78



STAAD SPACE

-- PAGE NO. 193

350	-0.7734 GY	1.97
350	-0.6328 GY	2.15
350	-0.4922 GY	2.34
350	-0.3516 GY	2.53
350	-0.2109 GY	2.71
350	-0.0703 GY	2.88
178	-0.0703 GY	0.12
178	-0.2109 GY	0.29
178	-0.3516 GY	0.47
178	-0.4922 GY	0.66
178	-0.6328 GY	0.85
178	-0.7734 GY	1.03
178	-0.9141 GY	1.22
178	-1.0547 GY	1.41
178	-1.0547 GY	1.59
178	-0.9141 GY	1.78
178	-0.7734 GY	1.97
178	-0.6328 GY	2.15
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178	-0.3516 GY	2.52
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349	-1.0547 GY	1.59
349	-0.9141 GY	1.78
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349	-0.6328 GY	2.15
349	-0.4922 GY	2.34
349	-0.3516 GY	2.53
349	-0.2109 GY	2.71
349	-0.0703 GY	2.88
175	-0.0703 GY	0.12
175	-0.2109 GY	0.29
175	-0.3516 GY	0.47
175	-0.4922 GY	0.66
175	-0.6328 GY	0.85
175	-0.7734 GY	1.03
175	-0.9141 GY	1.22
175	-1.0547 GY	1.41
175	-1.0547 GY	1.59
175	-0.9141 GY	1.78
175	-0.7734 GY	1.97
175	-0.6328 GY	2.15
175	-0.4922 GY	2.34
175	-0.3516 GY	2.53
175	-0.2109 GY	2.71
175	-0.0703 GY	2.88
377	-0.0703 GY	0.12
377	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 194

377	-0.3516 GY	0.47
377	-0.4922 GY	0.66
377	-0.6328 GY	0.85
377	-0.7734 GY	1.03
377	-0.9141 GY	1.22
377	-1.0547 GY	1.41
377	-1.0547 GY	1.59
377	-0.9141 GY	1.78
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377	-0.0703 GY	2.87
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229	-0.3516 GY	0.47
229	-0.4922 GY	0.66
229	-0.6328 GY	0.85
229	-0.7734 GY	1.03
229	-0.9141 GY	1.22
229	-1.0547 GY	1.41
229	-1.0547 GY	1.59
229	-0.9141 GY	1.78
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229	-0.3516 GY	2.53
229	-0.2109 GY	2.71
229	-0.0703 GY	2.88
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376	-0.2109 GY	0.29
376	-0.3516 GY	0.47
376	-0.4922 GY	0.66
376	-0.6328 GY	0.85
376	-0.7734 GY	1.03
376	-0.9141 GY	1.22
376	-1.0547 GY	1.41
376	-1.0547 GY	1.59
376	-0.9141 GY	1.78
376	-0.7734 GY	1.97
376	-0.6328 GY	2.15
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376	-0.3516 GY	2.52
376	-0.2109 GY	2.71
376	-0.0703 GY	2.87
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176	-0.2109 GY	0.29
176	-0.3516 GY	0.47
176	-0.4922 GY	0.66
176	-0.6328 GY	0.85
176	-0.7734 GY	1.03
176	-0.9141 GY	1.22
176	-1.0547 GY	1.41
176	-1.0547 GY	1.59
176	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 195

176	-0.7734 GY	1.97
176	-0.6328 GY	2.15
176	-0.4922 GY	2.34
176	-0.3516 GY	2.53
176	-0.2109 GY	2.71
176	-0.0703 GY	2.88
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378	-0.2109 GY	0.29
378	-0.3516 GY	0.47
378	-0.4922 GY	0.66
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378	-0.7734 GY	1.03
378	-0.9141 GY	1.22
378	-1.0547 GY	1.41
378	-1.0547 GY	1.59
378	-0.9141 GY	1.78
378	-0.7734 GY	1.97
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378	-0.3516 GY	2.52
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378	-0.0703 GY	2.87
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230	-0.7734 GY	1.03
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230	-1.0547 GY	1.41
230	-1.0547 GY	1.59
230	-0.9141 GY	1.78
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230	-0.3516 GY	2.53
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377	-0.4922 GY	0.66
377	-0.6328 GY	0.85
377	-0.7734 GY	1.03
377	-0.9141 GY	1.22
377	-1.0547 GY	1.41
377	-1.0547 GY	1.59
377	-0.9141 GY	1.78
377	-0.7734 GY	1.97
377	-0.6328 GY	2.15
377	-0.4922 GY	2.34
377	-0.3516 GY	2.52
377	-0.2109 GY	2.71
377	-0.0703 GY	2.87
177	-0.0703 GY	0.13
177	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 196

177	-0.3516	GY	0.48
177	-0.4922	GY	0.66
177	-0.6328	GY	0.85
177	-0.7734	GY	1.03
177	-0.9141	GY	1.22
177	-1.0547	GY	1.41
177	-1.0547	GY	1.59
177	-0.9141	GY	1.78
177	-0.7734	GY	1.97
177	-0.6328	GY	2.15
177	-0.4922	GY	2.34
177	-0.3516	GY	2.53
177	-0.2109	GY	2.71
177	-0.0703	GY	2.88
379	-0.0703	GY	0.12
379	-0.2109	GY	0.29
379	-0.3516	GY	0.47
379	-0.4922	GY	0.66
379	-0.6328	GY	0.85
379	-0.7734	GY	1.03
379	-0.9141	GY	1.22
379	-1.0547	GY	1.41
379	-1.0547	GY	1.59
379	-0.9141	GY	1.78
379	-0.7734	GY	1.97
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379	-0.4922	GY	2.34
379	-0.3516	GY	2.52
379	-0.2109	GY	2.71
379	-0.0703	GY	2.87
231	-0.0703	GY	0.13
231	-0.2109	GY	0.29
231	-0.3516	GY	0.48
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231	-0.6328	GY	0.85
231	-0.7734	GY	1.03
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231	-1.0547	GY	1.41
231	-1.0547	GY	1.59
231	-0.9141	GY	1.78
231	-0.7734	GY	1.97
231	-0.6328	GY	2.15
231	-0.4922	GY	2.34
231	-0.3516	GY	2.53
231	-0.2109	GY	2.71
231	-0.0703	GY	2.88
378	-0.0703	GY	0.12
378	-0.2109	GY	0.29
378	-0.3516	GY	0.47
378	-0.4922	GY	0.66
378	-0.6328	GY	0.85
378	-0.7734	GY	1.03
378	-0.9141	GY	1.22
378	-1.0547	GY	1.41
378	-1.0547	GY	1.59
378	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 197

378	-0.7734 GY	1.97
378	-0.6328 GY	2.15
378	-0.4922 GY	2.34
378	-0.3516 GY	2.52
378	-0.2109 GY	2.71
378	-0.0703 GY	2.87
178	-0.0703 GY	0.12
178	-0.2109 GY	0.29
178	-0.3516 GY	0.47
178	-0.4922 GY	0.66
178	-0.6328 GY	0.85
178	-0.7734 GY	1.03
178	-0.9141 GY	1.22
178	-1.0547 GY	1.41
178	-1.0547 GY	1.59
178	-0.9141 GY	1.78
178	-0.7734 GY	1.97
178	-0.6328 GY	2.15
178	-0.4922 GY	2.34
178	-0.3516 GY	2.52
178	-0.2109 GY	2.71
178	-0.0703 GY	2.87
380	-0.0703 GY	0.12
380	-0.2109 GY	0.29
380	-0.3516 GY	0.47
380	-0.4922 GY	0.66
380	-0.6328 GY	0.85
380	-0.7734 GY	1.03
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380	-1.0547 GY	1.41
380	-1.0547 GY	1.59
380	-0.9141 GY	1.78
380	-0.7734 GY	1.97
380	-0.6328 GY	2.15
380	-0.4922 GY	2.34
380	-0.3516 GY	2.52
380	-0.2109 GY	2.71
380	-0.0703 GY	2.87
232	-0.0703 GY	0.12
232	-0.2109 GY	0.29
232	-0.3516 GY	0.47
232	-0.4922 GY	0.66
232	-0.6328 GY	0.85
232	-0.7734 GY	1.03
232	-0.9141 GY	1.22
232	-1.0547 GY	1.41
232	-1.0547 GY	1.59
232	-0.9141 GY	1.78
232	-0.7734 GY	1.97
232	-0.6328 GY	2.15
232	-0.4922 GY	2.34
232	-0.3516 GY	2.52
232	-0.2109 GY	2.71
232	-0.0703 GY	2.87
379	-0.0703 GY	0.12
379	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 198

379	-0.3516 GY	0.47
379	-0.4922 GY	0.66
379	-0.6328 GY	0.85
379	-0.7734 GY	1.03
379	-0.9141 GY	1.22
379	-1.0547 GY	1.41
379	-1.0547 GY	1.59
379	-0.9141 GY	1.78
379	-0.7734 GY	1.97
379	-0.6328 GY	2.15
379	-0.4922 GY	2.34
379	-0.3516 GY	2.52
379	-0.2109 GY	2.71
379	-0.0703 GY	2.87
17	-0.0703 GY	0.12
17	-0.2109 GY	0.29
17	-0.3516 GY	0.47
17	-0.4922 GY	0.66
17	-0.6328 GY	0.85
17	-0.7734 GY	1.03
17	-0.9141 GY	1.22
17	-1.0547 GY	1.41
17	-1.0547 GY	1.59
17	-0.9141 GY	1.78
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17	-0.3516 GY	2.53
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17	-0.0703 GY	2.88
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292	-0.2109 GY	0.29
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292	-0.4922 GY	0.66
292	-0.6328 GY	0.85
292	-0.7734 GY	1.03
292	-0.9141 GY	1.22
292	-1.0547 GY	1.41
292	-1.0547 GY	1.59
292	-0.9141 GY	1.78
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292	-0.4922 GY	2.34
292	-0.3516 GY	2.53
292	-0.2109 GY	2.71
292	-0.0703 GY	2.88
71	-0.0703 GY	0.12
71	-0.2109 GY	0.29
71	-0.3516 GY	0.47
71	-0.4922 GY	0.66
71	-0.6328 GY	0.85
71	-0.7734 GY	1.03
71	-0.9141 GY	1.22
71	-1.0547 GY	1.41
71	-1.0547 GY	1.59
71	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 199

71	-0.7734 GY	1.97
71	-0.6328 GY	2.15
71	-0.4922 GY	2.34
71	-0.3516 GY	2.53
71	-0.2109 GY	2.71
71	-0.0703 GY	2.88
291	-0.0703 GY	0.12
291	-0.2109 GY	0.29
291	-0.3516 GY	0.47
291	-0.4922 GY	0.66
291	-0.6328 GY	0.85
291	-0.7734 GY	1.03
291	-0.9141 GY	1.22
291	-1.0547 GY	1.41
291	-1.0547 GY	1.59
291	-0.9141 GY	1.78
291	-0.7734 GY	1.97
291	-0.6328 GY	2.15
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291	-0.3516 GY	2.53
291	-0.2109 GY	2.71
291	-0.0703 GY	2.88
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18	-0.3516 GY	0.47
18	-0.4922 GY	0.66
18	-0.6328 GY	0.85
18	-0.7734 GY	1.03
18	-0.9141 GY	1.22
18	-1.0547 GY	1.41
18	-1.0547 GY	1.59
18	-0.9141 GY	1.78
18	-0.7734 GY	1.97
18	-0.6328 GY	2.15
18	-0.4922 GY	2.34
18	-0.3516 GY	2.53
18	-0.2109 GY	2.71
18	-0.0703 GY	2.88
293	-0.0703 GY	0.12
293	-0.2109 GY	0.29
293	-0.3516 GY	0.47
293	-0.4922 GY	0.66
293	-0.6328 GY	0.85
293	-0.7734 GY	1.03
293	-0.9141 GY	1.22
293	-1.0547 GY	1.41
293	-1.0547 GY	1.59
293	-0.9141 GY	1.78
293	-0.7734 GY	1.97
293	-0.6328 GY	2.15
293	-0.4922 GY	2.34
293	-0.3516 GY	2.53
293	-0.2109 GY	2.71
293	-0.0703 GY	2.88
72	-0.0703 GY	0.12
72	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 200

72	-0.3516 GY	0.47
72	-0.4922 GY	0.66
72	-0.6328 GY	0.85
72	-0.7734 GY	1.03
72	-0.9141 GY	1.22
72	-1.0547 GY	1.41
72	-1.0547 GY	1.59
72	-0.9141 GY	1.78
72	-0.7734 GY	1.97
72	-0.6328 GY	2.15
72	-0.4922 GY	2.34
72	-0.3516 GY	2.53
72	-0.2109 GY	2.71
72	-0.0703 GY	2.88
292	-0.0703 GY	0.12
292	-0.2109 GY	0.29
292	-0.3516 GY	0.47
292	-0.4922 GY	0.66
292	-0.6328 GY	0.85
292	-0.7734 GY	1.03
292	-0.9141 GY	1.22
292	-1.0547 GY	1.41
292	-1.0547 GY	1.59
292	-0.9141 GY	1.78
292	-0.7734 GY	1.97
292	-0.6328 GY	2.15
292	-0.4922 GY	2.34
292	-0.3516 GY	2.53
292	-0.2109 GY	2.71
292	-0.0703 GY	2.88
19	-0.0703 GY	0.13
19	-0.2109 GY	0.29
19	-0.3516 GY	0.48
19	-0.4922 GY	0.66
19	-0.6328 GY	0.85
19	-0.7734 GY	1.03
19	-0.9141 GY	1.22
19	-1.0547 GY	1.41
19	-1.0547 GY	1.59
19	-0.9141 GY	1.78
19	-0.7734 GY	1.97
19	-0.6328 GY	2.15
19	-0.4922 GY	2.34
19	-0.3516 GY	2.53
19	-0.2109 GY	2.71
19	-0.0703 GY	2.88
294	-0.0703 GY	0.12
294	-0.2109 GY	0.29
294	-0.3516 GY	0.47
294	-0.4922 GY	0.66
294	-0.6328 GY	0.85
294	-0.7734 GY	1.03
294	-0.9141 GY	1.22
294	-1.0547 GY	1.41
294	-1.0547 GY	1.59
294	-0.9141 GY	1.78



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294	-0.7734 GY	1.97
294	-0.6328 GY	2.15
294	-0.4922 GY	2.34
294	-0.3516 GY	2.53
294	-0.2109 GY	2.71
294	-0.0703 GY	2.88
73	-0.0703 GY	0.13
73	-0.2109 GY	0.29
73	-0.3516 GY	0.48
73	-0.4922 GY	0.66
73	-0.6328 GY	0.85
73	-0.7734 GY	1.03
73	-0.9141 GY	1.22
73	-1.0547 GY	1.41
73	-1.0547 GY	1.59
73	-0.9141 GY	1.78
73	-0.7734 GY	1.97
73	-0.6328 GY	2.15
73	-0.4922 GY	2.34
73	-0.3516 GY	2.53
73	-0.2109 GY	2.71
73	-0.0703 GY	2.88
293	-0.0703 GY	0.12
293	-0.2109 GY	0.29
293	-0.3516 GY	0.47
293	-0.4922 GY	0.66
293	-0.6328 GY	0.85
293	-0.7734 GY	1.03
293	-0.9141 GY	1.22
293	-1.0547 GY	1.41
293	-1.0547 GY	1.59
293	-0.9141 GY	1.78
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293	-0.3516 GY	2.53
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20	-0.2109 GY	0.29
20	-0.3516 GY	0.47
20	-0.4922 GY	0.66
20	-0.6328 GY	0.85
20	-0.7734 GY	1.03
20	-0.9141 GY	1.22
20	-1.0547 GY	1.41
20	-1.0547 GY	1.59
20	-0.9141 GY	1.78
20	-0.7734 GY	1.97
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20	-0.3516 GY	2.52
20	-0.2109 GY	2.71
20	-0.0703 GY	2.87
295	-0.0703 GY	0.12
295	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 202

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295	-0.6328 GY	0.85
295	-0.7734 GY	1.03
295	-0.9141 GY	1.22
295	-1.0547 GY	1.41
295	-1.0547 GY	1.59
295	-0.9141 GY	1.78
295	-0.7734 GY	1.97
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295	-0.3516 GY	2.53
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295	-0.0703 GY	2.88
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74	-0.6328 GY	0.85
74	-0.7734 GY	1.03
74	-0.9141 GY	1.22
74	-1.0547 GY	1.41
74	-1.0547 GY	1.59
74	-0.9141 GY	1.78
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74	-0.3516 GY	2.52
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74	-0.0703 GY	2.87
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294	-0.2109 GY	0.29
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294	-0.6328 GY	0.85
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294	-1.0547 GY	1.59
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294	-0.6328 GY	2.15
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294	-0.0703 GY	2.88
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71	-0.3516 GY	0.47
71	-0.4922 GY	0.66
71	-0.6328 GY	0.85
71	-0.7734 GY	1.03
71	-0.9141 GY	1.22
71	-1.0547 GY	1.41
71	-1.0547 GY	1.59
71	-0.9141 GY	1.78

STAAD SPACE

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71	-0.7734 GY	1.97
71	-0.6328 GY	2.15
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71	-0.3516 GY	2.53
71	-0.2109 GY	2.71
71	-0.0703 GY	2.88
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322	-0.2109 GY	0.29
322	-0.3516 GY	0.47
322	-0.4922 GY	0.66
322	-0.6328 GY	0.85
322	-0.7734 GY	1.03
322	-0.9141 GY	1.22
322	-1.0547 GY	1.41
322	-1.0547 GY	1.59
322	-0.9141 GY	1.78
322	-0.7734 GY	1.97
322	-0.6328 GY	2.15
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322	-0.3516 GY	2.53
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322	-0.0703 GY	2.88
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125	-0.2109 GY	0.29
125	-0.3516 GY	0.47
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125	-0.6328 GY	0.85
125	-0.7734 GY	1.03
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125	-1.0547 GY	1.41
125	-1.0547 GY	1.59
125	-0.9141 GY	1.78
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125	-0.4922 GY	2.34
125	-0.3516 GY	2.53
125	-0.2109 GY	2.71
125	-0.0703 GY	2.88
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321	-0.2109 GY	0.29
321	-0.3516 GY	0.47
321	-0.4922 GY	0.66
321	-0.6328 GY	0.85
321	-0.7734 GY	1.03
321	-0.9141 GY	1.22
321	-1.0547 GY	1.41
321	-1.0547 GY	1.59
321	-0.9141 GY	1.78
321	-0.7734 GY	1.97
321	-0.6328 GY	2.15
321	-0.4922 GY	2.34
321	-0.3516 GY	2.53
321	-0.2109 GY	2.71
321	-0.0703 GY	2.88
72	-0.0703 GY	0.12
72	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 204

72	-0.3516	GY	0.47
72	-0.4922	GY	0.66
72	-0.6328	GY	0.85
72	-0.7734	GY	1.03
72	-0.9141	GY	1.22
72	-1.0547	GY	1.41
72	-1.0547	GY	1.59
72	-0.9141	GY	1.78
72	-0.7734	GY	1.97
72	-0.6328	GY	2.15
72	-0.4922	GY	2.34
72	-0.3516	GY	2.53
72	-0.2109	GY	2.71
72	-0.0703	GY	2.88
323	-0.0703	GY	0.12
323	-0.2109	GY	0.29
323	-0.3516	GY	0.47
323	-0.4922	GY	0.66
323	-0.6328	GY	0.85
323	-0.7734	GY	1.03
323	-0.9141	GY	1.22
323	-1.0547	GY	1.41
323	-1.0547	GY	1.59
323	-0.9141	GY	1.78
323	-0.7734	GY	1.97
323	-0.6328	GY	2.15
323	-0.4922	GY	2.34
323	-0.3516	GY	2.53
323	-0.2109	GY	2.71
323	-0.0703	GY	2.88
126	-0.0703	GY	0.12
126	-0.2109	GY	0.29
126	-0.3516	GY	0.47
126	-0.4922	GY	0.66
126	-0.6328	GY	0.85
126	-0.7734	GY	1.03
126	-0.9141	GY	1.22
126	-1.0547	GY	1.41
126	-1.0547	GY	1.59
126	-0.9141	GY	1.78
126	-0.7734	GY	1.97
126	-0.6328	GY	2.15
126	-0.4922	GY	2.34
126	-0.3516	GY	2.53
126	-0.2109	GY	2.71
126	-0.0703	GY	2.88
322	-0.0703	GY	0.12
322	-0.2109	GY	0.29
322	-0.3516	GY	0.47
322	-0.4922	GY	0.66
322	-0.6328	GY	0.85
322	-0.7734	GY	1.03
322	-0.9141	GY	1.22
322	-1.0547	GY	1.41
322	-1.0547	GY	1.59
322	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 205

322	-0.7734 GY	1.97
322	-0.6328 GY	2.15
322	-0.4922 GY	2.34
322	-0.3516 GY	2.53
322	-0.2109 GY	2.71
322	-0.0703 GY	2.88
73	-0.0703 GY	0.13
73	-0.2109 GY	0.29
73	-0.3516 GY	0.48
73	-0.4922 GY	0.66
73	-0.6328 GY	0.85
73	-0.7734 GY	1.03
73	-0.9141 GY	1.22
73	-1.0547 GY	1.41
73	-1.0547 GY	1.59
73	-0.9141 GY	1.78
73	-0.7734 GY	1.97
73	-0.6328 GY	2.15
73	-0.4922 GY	2.34
73	-0.3516 GY	2.53
73	-0.2109 GY	2.71
73	-0.0703 GY	2.88
324	-0.0703 GY	0.12
324	-0.2109 GY	0.29
324	-0.3516 GY	0.47
324	-0.4922 GY	0.66
324	-0.6328 GY	0.85
324	-0.7734 GY	1.03
324	-0.9141 GY	1.22
324	-1.0547 GY	1.41
324	-1.0547 GY	1.59
324	-0.9141 GY	1.78
324	-0.7734 GY	1.97
324	-0.6328 GY	2.15
324	-0.4922 GY	2.34
324	-0.3516 GY	2.53
324	-0.2109 GY	2.71
324	-0.0703 GY	2.88
127	-0.0703 GY	0.13
127	-0.2109 GY	0.29
127	-0.3516 GY	0.48
127	-0.4922 GY	0.66
127	-0.6328 GY	0.85
127	-0.7734 GY	1.03
127	-0.9141 GY	1.22
127	-1.0547 GY	1.41
127	-1.0547 GY	1.59
127	-0.9141 GY	1.78
127	-0.7734 GY	1.97
127	-0.6328 GY	2.15
127	-0.4922 GY	2.34
127	-0.3516 GY	2.53
127	-0.2109 GY	2.71
127	-0.0703 GY	2.88
323	-0.0703 GY	0.12
323	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 206

323	-0.3516 GY	0.47
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323	-0.6328 GY	0.85
323	-0.7734 GY	1.03
323	-0.9141 GY	1.22
323	-1.0547 GY	1.41
323	-1.0547 GY	1.59
323	-0.9141 GY	1.78
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323	-0.6328 GY	2.15
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323	-0.2109 GY	2.71
323	-0.0703 GY	2.88
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74	-0.2109 GY	0.29
74	-0.3516 GY	0.47
74	-0.4922 GY	0.66
74	-0.6328 GY	0.85
74	-0.7734 GY	1.03
74	-0.9141 GY	1.22
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74	-1.0547 GY	1.59
74	-0.9141 GY	1.78
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74	-0.3516 GY	2.52
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74	-0.0703 GY	2.87
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325	-0.6328 GY	0.85
325	-0.7734 GY	1.03
325	-0.9141 GY	1.22
325	-1.0547 GY	1.41
325	-1.0547 GY	1.59
325	-0.9141 GY	1.78
325	-0.7734 GY	1.97
325	-0.6328 GY	2.15
325	-0.4922 GY	2.34
325	-0.3516 GY	2.53
325	-0.2109 GY	2.71
325	-0.0703 GY	2.88
128	-0.0703 GY	0.12
128	-0.2109 GY	0.29
128	-0.3516 GY	0.47
128	-0.4922 GY	0.66
128	-0.6328 GY	0.85
128	-0.7734 GY	1.03
128	-0.9141 GY	1.22
128	-1.0547 GY	1.41
128	-1.0547 GY	1.59
128	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 207

128	-0.7734 GY	1.97
128	-0.6328 GY	2.15
128	-0.4922 GY	2.34
128	-0.3516 GY	2.52
128	-0.2109 GY	2.71
128	-0.0703 GY	2.87
324	-0.0703 GY	0.12
324	-0.2109 GY	0.29
324	-0.3516 GY	0.47
324	-0.4922 GY	0.66
324	-0.6328 GY	0.85
324	-0.7734 GY	1.03
324	-0.9141 GY	1.22
324	-1.0547 GY	1.41
324	-1.0547 GY	1.59
324	-0.9141 GY	1.78
324	-0.7734 GY	1.97
324	-0.6328 GY	2.15
324	-0.4922 GY	2.34
324	-0.3516 GY	2.53
324	-0.2109 GY	2.71
324	-0.0703 GY	2.88
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125	-0.6328 GY	0.85
125	-0.7734 GY	1.03
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125	-1.0547 GY	1.41
125	-1.0547 GY	1.59
125	-0.9141 GY	1.78
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125	-0.6328 GY	2.15
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125	-0.2109 GY	2.71
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352	-0.4922 GY	0.66
352	-0.6328 GY	0.85
352	-0.7734 GY	1.03
352	-0.9141 GY	1.22
352	-1.0547 GY	1.41
352	-1.0547 GY	1.59
352	-0.9141 GY	1.78
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352	-0.6328 GY	2.15
352	-0.4922 GY	2.34
352	-0.3516 GY	2.53
352	-0.2109 GY	2.71
352	-0.0703 GY	2.88
179	-0.0703 GY	0.12
179	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 208

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179	-0.7734 GY	1.03
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179	-1.0547 GY	1.41
179	-1.0547 GY	1.59
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351	-0.7734 GY	1.03
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351	-0.0703 GY	2.88
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126	-0.6328 GY	0.85
126	-0.7734 GY	1.03
126	-0.9141 GY	1.22
126	-1.0547 GY	1.41
126	-1.0547 GY	1.59
126	-0.9141 GY	1.78
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126	-0.2109 GY	2.71
126	-0.0703 GY	2.88
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353	-0.9141 GY	1.22
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353	-1.0547 GY	1.59
353	-0.9141 GY	1.78



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353	-0.3516 GY	2.53
353	-0.2109 GY	2.71
353	-0.0703 GY	2.88
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180	-0.6328 GY	0.85
180	-0.7734 GY	1.03
180	-0.9141 GY	1.22
180	-1.0547 GY	1.41
180	-1.0547 GY	1.59
180	-0.9141 GY	1.78
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180	-0.2109 GY	2.71
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352	-0.6328 GY	0.85
352	-0.7734 GY	1.03
352	-0.9141 GY	1.22
352	-1.0547 GY	1.41
352	-1.0547 GY	1.59
352	-0.9141 GY	1.78
352	-0.7734 GY	1.97
352	-0.6328 GY	2.15
352	-0.4922 GY	2.34
352	-0.3516 GY	2.53
352	-0.2109 GY	2.71
352	-0.0703 GY	2.88
127	-0.0703 GY	0.13
127	-0.2109 GY	0.29
127	-0.3516 GY	0.48
127	-0.4922 GY	0.66
127	-0.6328 GY	0.85
127	-0.7734 GY	1.03
127	-0.9141 GY	1.22
127	-1.0547 GY	1.41
127	-1.0547 GY	1.59
127	-0.9141 GY	1.78
127	-0.7734 GY	1.97
127	-0.6328 GY	2.15
127	-0.4922 GY	2.34
127	-0.3516 GY	2.53
127	-0.2109 GY	2.71
127	-0.0703 GY	2.88
354	-0.0703 GY	0.13
354	-0.2109 GY	0.29

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354	-0.3516 GY	0.48
354	-0.4922 GY	0.66
354	-0.6328 GY	0.85
354	-0.7734 GY	1.03
354	-0.9141 GY	1.22
354	-1.0547 GY	1.41
354	-1.0547 GY	1.59
354	-0.9141 GY	1.78
354	-0.7734 GY	1.97
354	-0.6328 GY	2.15
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354	-0.3516 GY	2.53
354	-0.2109 GY	2.71
354	-0.0703 GY	2.88
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181	-0.4922 GY	0.66
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181	-0.7734 GY	1.03
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181	-1.0547 GY	1.41
181	-1.0547 GY	1.59
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181	-0.3516 GY	2.53
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353	-0.6328 GY	0.85
353	-0.7734 GY	1.03
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353	-1.0547 GY	1.41
353	-1.0547 GY	1.59
353	-0.9141 GY	1.78
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353	-0.3516 GY	2.53
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128	-0.2109 GY	0.29
128	-0.3516 GY	0.47
128	-0.4922 GY	0.66
128	-0.6328 GY	0.85
128	-0.7734 GY	1.03
128	-0.9141 GY	1.22
128	-1.0547 GY	1.41
128	-1.0547 GY	1.59
128	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 211

128	-0.7734 GY	1.97
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128	-0.3516 GY	2.52
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128	-0.0703 GY	2.87
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355	-0.3516 GY	0.48
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355	-0.6328 GY	0.85
355	-0.7734 GY	1.03
355	-0.9141 GY	1.22
355	-1.0547 GY	1.41
355	-1.0547 GY	1.59
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182	-0.3516 GY	0.47
182	-0.4922 GY	0.66
182	-0.6328 GY	0.85
182	-0.7734 GY	1.03
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182	-1.0547 GY	1.41
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182	-0.6328 GY	2.15
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182	-0.3516 GY	2.52
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182	-0.0703 GY	2.87
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354	-0.2109 GY	0.29
354	-0.3516 GY	0.48
354	-0.4922 GY	0.66
354	-0.6328 GY	0.85
354	-0.7734 GY	1.03
354	-0.9141 GY	1.22
354	-1.0547 GY	1.41
354	-1.0547 GY	1.59
354	-0.9141 GY	1.78
354	-0.7734 GY	1.97
354	-0.6328 GY	2.15
354	-0.4922 GY	2.34
354	-0.3516 GY	2.53
354	-0.2109 GY	2.71
354	-0.0703 GY	2.88
179	-0.0703 GY	0.12
179	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 212

179	-0.3516 GY	0.47
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179	-0.7734 GY	1.03
179	-0.9141 GY	1.22
179	-1.0547 GY	1.41
179	-1.0547 GY	1.59
179	-0.9141 GY	1.78
179	-0.7734 GY	1.97
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382	-0.6328 GY	0.85
382	-0.7734 GY	1.03
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382	-1.0547 GY	1.41
382	-1.0547 GY	1.59
382	-0.9141 GY	1.78
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382	-0.3516 GY	2.52
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233	-0.6328 GY	0.85
233	-0.7734 GY	1.03
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233	-1.0547 GY	1.59
233	-0.9141 GY	1.78
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233	-0.4922 GY	2.34
233	-0.3516 GY	2.53
233	-0.2109 GY	2.71
233	-0.0703 GY	2.88
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381	-0.6328 GY	0.85
381	-0.7734 GY	1.03
381	-0.9141 GY	1.22
381	-1.0547 GY	1.41
381	-1.0547 GY	1.59
381	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 213

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180	-1.0547 GY	1.59
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383	-0.6328 GY	0.85
383	-0.7734 GY	1.03
383	-0.9141 GY	1.22
383	-1.0547 GY	1.41
383	-1.0547 GY	1.59
383	-0.9141 GY	1.78
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383	-0.6328 GY	2.15
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383	-0.3516 GY	2.52
383	-0.2109 GY	2.71
383	-0.0703 GY	2.87
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234	-0.2109 GY	0.29
234	-0.3516 GY	0.47
234	-0.4922 GY	0.66
234	-0.6328 GY	0.85
234	-0.7734 GY	1.03
234	-0.9141 GY	1.22
234	-1.0547 GY	1.41
234	-1.0547 GY	1.59
234	-0.9141 GY	1.78
234	-0.7734 GY	1.97
234	-0.6328 GY	2.15
234	-0.4922 GY	2.34
234	-0.3516 GY	2.53
234	-0.2109 GY	2.71
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382	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 214

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181	-0.6328 GY	0.85
181	-0.7734 GY	1.03
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181	-1.0547 GY	1.59
181	-0.9141 GY	1.78
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181	-0.0703 GY	2.88
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384	-0.6328 GY	0.85
384	-0.7734 GY	1.03
384	-0.9141 GY	1.22
384	-1.0547 GY	1.41
384	-1.0547 GY	1.59
384	-0.9141 GY	1.78
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384	-0.4922 GY	2.34
384	-0.3516 GY	2.52
384	-0.2109 GY	2.71
384	-0.0703 GY	2.87
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235	-0.2109 GY	0.29
235	-0.3516 GY	0.48
235	-0.4922 GY	0.66
235	-0.6328 GY	0.85
235	-0.7734 GY	1.03
235	-0.9141 GY	1.22
235	-1.0547 GY	1.41
235	-1.0547 GY	1.59
235	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 215

235	-0.7734 GY	1.97
235	-0.6328 GY	2.15
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235	-0.2109 GY	2.71
235	-0.0703 GY	2.88
383	-0.0703 GY	0.12
383	-0.2109 GY	0.29
383	-0.3516 GY	0.47
383	-0.4922 GY	0.66
383	-0.6328 GY	0.85
383	-0.7734 GY	1.03
383	-0.9141 GY	1.22
383	-1.0547 GY	1.41
383	-1.0547 GY	1.59
383	-0.9141 GY	1.78
383	-0.7734 GY	1.97
383	-0.6328 GY	2.15
383	-0.4922 GY	2.34
383	-0.3516 GY	2.52
383	-0.2109 GY	2.71
383	-0.0703 GY	2.87
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182	-0.2109 GY	0.29
182	-0.3516 GY	0.47
182	-0.4922 GY	0.66
182	-0.6328 GY	0.85
182	-0.7734 GY	1.03
182	-0.9141 GY	1.22
182	-1.0547 GY	1.41
182	-1.0547 GY	1.59
182	-0.9141 GY	1.78
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182	-0.3516 GY	2.52
182	-0.2109 GY	2.71
182	-0.0703 GY	2.87
385	-0.0703 GY	0.12
385	-0.2109 GY	0.29
385	-0.3516 GY	0.47
385	-0.4922 GY	0.66
385	-0.6328 GY	0.85
385	-0.7734 GY	1.03
385	-0.9141 GY	1.22
385	-1.0547 GY	1.41
385	-1.0547 GY	1.59
385	-0.9141 GY	1.78
385	-0.7734 GY	1.97
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385	-0.4922 GY	2.34
385	-0.3516 GY	2.52
385	-0.2109 GY	2.71
385	-0.0703 GY	2.87
236	-0.0703 GY	0.12
236	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 216

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236	-0.7734	GY	1.03
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236	-1.0547	GY	1.41
236	-1.0547	GY	1.59
236	-0.9141	GY	1.78
236	-0.7734	GY	1.97
236	-0.6328	GY	2.15
236	-0.4922	GY	2.34
236	-0.3516	GY	2.52
236	-0.2109	GY	2.71
236	-0.0703	GY	2.87
384	-0.0703	GY	0.12
384	-0.2109	GY	0.29
384	-0.3516	GY	0.47
384	-0.4922	GY	0.66
384	-0.6328	GY	0.85
384	-0.7734	GY	1.03
384	-0.9141	GY	1.22
384	-1.0547	GY	1.41
384	-1.0547	GY	1.59
384	-0.9141	GY	1.78
384	-0.7734	GY	1.97
384	-0.6328	GY	2.15
384	-0.4922	GY	2.34
384	-0.3516	GY	2.52
384	-0.2109	GY	2.71
384	-0.0703	GY	2.87
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21	-0.2109	GY	0.29
21	-0.3516	GY	0.47
21	-0.4922	GY	0.66
21	-0.6328	GY	0.85
21	-0.7734	GY	1.03
21	-0.9141	GY	1.22
21	-1.0547	GY	1.41
21	-1.0547	GY	1.59
21	-0.9141	GY	1.78
21	-0.7734	GY	1.97
21	-0.6328	GY	2.15
21	-0.4922	GY	2.34
21	-0.3516	GY	2.53
21	-0.2109	GY	2.71
21	-0.0703	GY	2.88
297	-0.0703	GY	0.12
297	-0.2109	GY	0.29
297	-0.3516	GY	0.47
297	-0.4922	GY	0.66
297	-0.6328	GY	0.85
297	-0.7734	GY	1.03
297	-0.9141	GY	1.22
297	-1.0547	GY	1.41
297	-1.0547	GY	1.59
297	-0.9141	GY	1.78



STAAD SPACE

-- PAGE NO. 217

297	-0.7734 GY	1.97
297	-0.6328 GY	2.15
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297	-0.3516 GY	2.53
297	-0.2109 GY	2.71
297	-0.0703 GY	2.88
75	-0.0703 GY	0.12
75	-0.2109 GY	0.29
75	-0.3516 GY	0.47
75	-0.4922 GY	0.66
75	-0.6328 GY	0.85
75	-0.7734 GY	1.03
75	-0.9141 GY	1.22
75	-1.0547 GY	1.41
75	-1.0547 GY	1.59
75	-0.9141 GY	1.78
75	-0.7734 GY	1.97
75	-0.6328 GY	2.15
75	-0.4922 GY	2.34
75	-0.3516 GY	2.53
75	-0.2109 GY	2.71
75	-0.0703 GY	2.88
296	-0.0703 GY	0.12
296	-0.2109 GY	0.29
296	-0.3516 GY	0.47
296	-0.4922 GY	0.66
296	-0.6328 GY	0.85
296	-0.7734 GY	1.03
296	-0.9141 GY	1.22
296	-1.0547 GY	1.41
296	-1.0547 GY	1.59
296	-0.9141 GY	1.78
296	-0.7734 GY	1.97
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296	-0.4922 GY	2.34
296	-0.3516 GY	2.53
296	-0.2109 GY	2.71
296	-0.0703 GY	2.88
22	-0.0703 GY	0.12
22	-0.2109 GY	0.29
22	-0.3516 GY	0.47
22	-0.4922 GY	0.66
22	-0.6328 GY	0.85
22	-0.7734 GY	1.03
22	-0.9141 GY	1.22
22	-1.0547 GY	1.41
22	-1.0547 GY	1.59
22	-0.9141 GY	1.78
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22	-0.6328 GY	2.15
22	-0.4922 GY	2.34
22	-0.3516 GY	2.53
22	-0.2109 GY	2.71
22	-0.0703 GY	2.88
298	-0.0703 GY	0.12
298	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 218

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298	-0.4922 GY	0.66
298	-0.6328 GY	0.85
298	-0.7734 GY	1.03
298	-0.9141 GY	1.22
298	-1.0547 GY	1.41
298	-1.0547 GY	1.59
298	-0.9141 GY	1.78
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298	-0.2109 GY	2.71
298	-0.0703 GY	2.88
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76	-0.2109 GY	0.29
76	-0.3516 GY	0.47
76	-0.4922 GY	0.66
76	-0.6328 GY	0.85
76	-0.7734 GY	1.03
76	-0.9141 GY	1.22
76	-1.0547 GY	1.41
76	-1.0547 GY	1.59
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76	-0.3516 GY	2.53
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76	-0.0703 GY	2.88
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297	-0.2109 GY	0.29
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297	-0.4922 GY	0.66
297	-0.6328 GY	0.85
297	-0.7734 GY	1.03
297	-0.9141 GY	1.22
297	-1.0547 GY	1.41
297	-1.0547 GY	1.59
297	-0.9141 GY	1.78
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297	-0.3516 GY	2.53
297	-0.2109 GY	2.71
297	-0.0703 GY	2.88
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23	-0.2109 GY	0.29
23	-0.3516 GY	0.48
23	-0.4922 GY	0.66
23	-0.6328 GY	0.85
23	-0.7734 GY	1.03
23	-0.9141 GY	1.22
23	-1.0547 GY	1.41
23	-1.0547 GY	1.59
23	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 219

23	-0.7734 GY	1.97
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23	-0.3516 GY	2.53
23	-0.2109 GY	2.71
23	-0.0703 GY	2.88
299	-0.0703 GY	0.12
299	-0.2109 GY	0.29
299	-0.3516 GY	0.47
299	-0.4922 GY	0.66
299	-0.6328 GY	0.85
299	-0.7734 GY	1.03
299	-0.9141 GY	1.22
299	-1.0547 GY	1.41
299	-1.0547 GY	1.59
299	-0.9141 GY	1.78
299	-0.7734 GY	1.97
299	-0.6328 GY	2.15
299	-0.4922 GY	2.34
299	-0.3516 GY	2.53
299	-0.2109 GY	2.71
299	-0.0703 GY	2.88
77	-0.0703 GY	0.13
77	-0.2109 GY	0.29
77	-0.3516 GY	0.48
77	-0.4922 GY	0.66
77	-0.6328 GY	0.85
77	-0.7734 GY	1.03
77	-0.9141 GY	1.22
77	-1.0547 GY	1.41
77	-1.0547 GY	1.59
77	-0.9141 GY	1.78
77	-0.7734 GY	1.97
77	-0.6328 GY	2.15
77	-0.4922 GY	2.34
77	-0.3516 GY	2.53
77	-0.2109 GY	2.71
77	-0.0703 GY	2.88
298	-0.0703 GY	0.12
298	-0.2109 GY	0.29
298	-0.3516 GY	0.47
298	-0.4922 GY	0.66
298	-0.6328 GY	0.85
298	-0.7734 GY	1.03
298	-0.9141 GY	1.22
298	-1.0547 GY	1.41
298	-1.0547 GY	1.59
298	-0.9141 GY	1.78
298	-0.7734 GY	1.97
298	-0.6328 GY	2.15
298	-0.4922 GY	2.34
298	-0.3516 GY	2.53
298	-0.2109 GY	2.71
298	-0.0703 GY	2.88
24	-0.0703 GY	0.12
24	-0.2109 GY	0.29

STAAD SPACE

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24	-0.3516 GY	0.47
24	-0.4922 GY	0.66
24	-0.6328 GY	0.85
24	-0.7734 GY	1.03
24	-0.9141 GY	1.22
24	-1.0547 GY	1.41
24	-1.0547 GY	1.59
24	-0.9141 GY	1.78
24	-0.7734 GY	1.97
24	-0.6328 GY	2.15
24	-0.4922 GY	2.34
24	-0.3516 GY	2.52
24	-0.2109 GY	2.71
24	-0.0703 GY	2.87
300	-0.0703 GY	0.12
300	-0.2109 GY	0.29
300	-0.3516 GY	0.47
300	-0.4922 GY	0.66
300	-0.6328 GY	0.85
300	-0.7734 GY	1.03
300	-0.9141 GY	1.22
300	-1.0547 GY	1.41
300	-1.0547 GY	1.59
300	-0.9141 GY	1.78
300	-0.7734 GY	1.97
300	-0.6328 GY	2.15
300	-0.4922 GY	2.34
300	-0.3516 GY	2.53
300	-0.2109 GY	2.71
300	-0.0703 GY	2.88
78	-0.0703 GY	0.12
78	-0.2109 GY	0.29
78	-0.3516 GY	0.47
78	-0.4922 GY	0.66
78	-0.6328 GY	0.85
78	-0.7734 GY	1.03
78	-0.9141 GY	1.22
78	-1.0547 GY	1.41
78	-1.0547 GY	1.59
78	-0.9141 GY	1.78
78	-0.7734 GY	1.97
78	-0.6328 GY	2.15
78	-0.4922 GY	2.34
78	-0.3516 GY	2.52
78	-0.2109 GY	2.71
78	-0.0703 GY	2.87
299	-0.0703 GY	0.12
299	-0.2109 GY	0.29
299	-0.3516 GY	0.47
299	-0.4922 GY	0.66
299	-0.6328 GY	0.85
299	-0.7734 GY	1.03
299	-0.9141 GY	1.22
299	-1.0547 GY	1.41
299	-1.0547 GY	1.59
299	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 221

299	-0.7734	GY	1.97
299	-0.6328	GY	2.15
299	-0.4922	GY	2.34
299	-0.3516	GY	2.53
299	-0.2109	GY	2.71
299	-0.0703	GY	2.88
75	-0.0703	GY	0.12
75	-0.2109	GY	0.29
75	-0.3516	GY	0.47
75	-0.4922	GY	0.66
75	-0.6328	GY	0.85
75	-0.7734	GY	1.03
75	-0.9141	GY	1.22
75	-1.0547	GY	1.41
75	-1.0547	GY	1.59
75	-0.9141	GY	1.78
75	-0.7734	GY	1.97
75	-0.6328	GY	2.15
75	-0.4922	GY	2.34
75	-0.3516	GY	2.53
75	-0.2109	GY	2.71
75	-0.0703	GY	2.88
327	-0.0703	GY	0.12
327	-0.2109	GY	0.29
327	-0.3516	GY	0.47
327	-0.4922	GY	0.66
327	-0.6328	GY	0.85
327	-0.7734	GY	1.03
327	-0.9141	GY	1.22
327	-1.0547	GY	1.41
327	-1.0547	GY	1.59
327	-0.9141	GY	1.78
327	-0.7734	GY	1.97
327	-0.6328	GY	2.15
327	-0.4922	GY	2.34
327	-0.3516	GY	2.53
327	-0.2109	GY	2.71
327	-0.0703	GY	2.88
129	-0.0703	GY	0.12
129	-0.2109	GY	0.29
129	-0.3516	GY	0.47
129	-0.4922	GY	0.66
129	-0.6328	GY	0.85
129	-0.7734	GY	1.03
129	-0.9141	GY	1.22
129	-1.0547	GY	1.41
129	-1.0547	GY	1.59
129	-0.9141	GY	1.78
129	-0.7734	GY	1.97
129	-0.6328	GY	2.15
129	-0.4922	GY	2.34
129	-0.3516	GY	2.53
129	-0.2109	GY	2.71
129	-0.0703	GY	2.88
326	-0.0703	GY	0.12
326	-0.2109	GY	0.29

STAAD SPACE

-- PAGE NO. 222

326	-0.3516	GY	0.47
326	-0.4922	GY	0.66
326	-0.6328	GY	0.85
326	-0.7734	GY	1.03
326	-0.9141	GY	1.22
326	-1.0547	GY	1.41
326	-1.0547	GY	1.59
326	-0.9141	GY	1.78
326	-0.7734	GY	1.97
326	-0.6328	GY	2.15
326	-0.4922	GY	2.34
326	-0.3516	GY	2.53
326	-0.2109	GY	2.71
326	-0.0703	GY	2.88
76	-0.0703	GY	0.12
76	-0.2109	GY	0.29
76	-0.3516	GY	0.47
76	-0.4922	GY	0.66
76	-0.6328	GY	0.85
76	-0.7734	GY	1.03
76	-0.9141	GY	1.22
76	-1.0547	GY	1.41
76	-1.0547	GY	1.59
76	-0.9141	GY	1.78
76	-0.7734	GY	1.97
76	-0.6328	GY	2.15
76	-0.4922	GY	2.34
76	-0.3516	GY	2.53
76	-0.2109	GY	2.71
76	-0.0703	GY	2.88
328	-0.0703	GY	0.12
328	-0.2109	GY	0.29
328	-0.3516	GY	0.47
328	-0.4922	GY	0.66
328	-0.6328	GY	0.85
328	-0.7734	GY	1.03
328	-0.9141	GY	1.22
328	-1.0547	GY	1.41
328	-1.0547	GY	1.59
328	-0.9141	GY	1.78
328	-0.7734	GY	1.97
328	-0.6328	GY	2.15
328	-0.4922	GY	2.34
328	-0.3516	GY	2.53
328	-0.2109	GY	2.71
328	-0.0703	GY	2.88
130	-0.0703	GY	0.12
130	-0.2109	GY	0.29
130	-0.3516	GY	0.47
130	-0.4922	GY	0.66
130	-0.6328	GY	0.85
130	-0.7734	GY	1.03
130	-0.9141	GY	1.22
130	-1.0547	GY	1.41
130	-1.0547	GY	1.59
130	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 223

130	-0.7734 GY	1.97
130	-0.6328 GY	2.15
130	-0.4922 GY	2.34
130	-0.3516 GY	2.53
130	-0.2109 GY	2.71
130	-0.0703 GY	2.88
327	-0.0703 GY	0.12
327	-0.2109 GY	0.29
327	-0.3516 GY	0.47
327	-0.4922 GY	0.66
327	-0.6328 GY	0.85
327	-0.7734 GY	1.03
327	-0.9141 GY	1.22
327	-1.0547 GY	1.41
327	-1.0547 GY	1.59
327	-0.9141 GY	1.78
327	-0.7734 GY	1.97
327	-0.6328 GY	2.15
327	-0.4922 GY	2.34
327	-0.3516 GY	2.53
327	-0.2109 GY	2.71
327	-0.0703 GY	2.88
77	-0.0703 GY	0.13
77	-0.2109 GY	0.29
77	-0.3516 GY	0.48
77	-0.4922 GY	0.66
77	-0.6328 GY	0.85
77	-0.7734 GY	1.03
77	-0.9141 GY	1.22
77	-1.0547 GY	1.41
77	-1.0547 GY	1.59
77	-0.9141 GY	1.78
77	-0.7734 GY	1.97
77	-0.6328 GY	2.15
77	-0.4922 GY	2.34
77	-0.3516 GY	2.53
77	-0.2109 GY	2.71
77	-0.0703 GY	2.88
329	-0.0703 GY	0.12
329	-0.2109 GY	0.29
329	-0.3516 GY	0.47
329	-0.4922 GY	0.66
329	-0.6328 GY	0.85
329	-0.7734 GY	1.03
329	-0.9141 GY	1.22
329	-1.0547 GY	1.41
329	-1.0547 GY	1.59
329	-0.9141 GY	1.78
329	-0.7734 GY	1.97
329	-0.6328 GY	2.15
329	-0.4922 GY	2.34
329	-0.3516 GY	2.53
329	-0.2109 GY	2.71
329	-0.0703 GY	2.88
131	-0.0703 GY	0.13
131	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 224

131	-0.3516 GY	0.48
131	-0.4922 GY	0.66
131	-0.6328 GY	0.85
131	-0.7734 GY	1.03
131	-0.9141 GY	1.22
131	-1.0547 GY	1.41
131	-1.0547 GY	1.59
131	-0.9141 GY	1.78
131	-0.7734 GY	1.97
131	-0.6328 GY	2.15
131	-0.4922 GY	2.34
131	-0.3516 GY	2.53
131	-0.2109 GY	2.71
131	-0.0703 GY	2.88
328	-0.0703 GY	0.12
328	-0.2109 GY	0.29
328	-0.3516 GY	0.47
328	-0.4922 GY	0.66
328	-0.6328 GY	0.85
328	-0.7734 GY	1.03
328	-0.9141 GY	1.22
328	-1.0547 GY	1.41
328	-1.0547 GY	1.59
328	-0.9141 GY	1.78
328	-0.7734 GY	1.97
328	-0.6328 GY	2.15
328	-0.4922 GY	2.34
328	-0.3516 GY	2.53
328	-0.2109 GY	2.71
328	-0.0703 GY	2.88
78	-0.0703 GY	0.12
78	-0.2109 GY	0.29
78	-0.3516 GY	0.47
78	-0.4922 GY	0.66
78	-0.6328 GY	0.85
78	-0.7734 GY	1.03
78	-0.9141 GY	1.22
78	-1.0547 GY	1.41
78	-1.0547 GY	1.59
78	-0.9141 GY	1.78
78	-0.7734 GY	1.97
78	-0.6328 GY	2.15
78	-0.4922 GY	2.34
78	-0.3516 GY	2.52
78	-0.2109 GY	2.71
78	-0.0703 GY	2.87
330	-0.0703 GY	0.12
330	-0.2109 GY	0.29
330	-0.3516 GY	0.47
330	-0.4922 GY	0.66
330	-0.6328 GY	0.85
330	-0.7734 GY	1.03
330	-0.9141 GY	1.22
330	-1.0547 GY	1.41
330	-1.0547 GY	1.59
330	-0.9141 GY	1.78



STAAD SPACE

-- PAGE NO. 225

330	-0.7734 GY	1.97
330	-0.6328 GY	2.15
330	-0.4922 GY	2.34
330	-0.3516 GY	2.53
330	-0.2109 GY	2.71
330	-0.0703 GY	2.88
132	-0.0703 GY	0.12
132	-0.2109 GY	0.29
132	-0.3516 GY	0.47
132	-0.4922 GY	0.66
132	-0.6328 GY	0.85
132	-0.7734 GY	1.03
132	-0.9141 GY	1.22
132	-1.0547 GY	1.41
132	-1.0547 GY	1.59
132	-0.9141 GY	1.78
132	-0.7734 GY	1.97
132	-0.6328 GY	2.15
132	-0.4922 GY	2.34
132	-0.3516 GY	2.52
132	-0.2109 GY	2.71
132	-0.0703 GY	2.87
329	-0.0703 GY	0.12
329	-0.2109 GY	0.29
329	-0.3516 GY	0.47
329	-0.4922 GY	0.66
329	-0.6328 GY	0.85
329	-0.7734 GY	1.03
329	-0.9141 GY	1.22
329	-1.0547 GY	1.41
329	-1.0547 GY	1.59
329	-0.9141 GY	1.78
329	-0.7734 GY	1.97
329	-0.6328 GY	2.15
329	-0.4922 GY	2.34
329	-0.3516 GY	2.53
329	-0.2109 GY	2.71
329	-0.0703 GY	2.88
129	-0.0703 GY	0.12
129	-0.2109 GY	0.29
129	-0.3516 GY	0.47
129	-0.4922 GY	0.66
129	-0.6328 GY	0.85
129	-0.7734 GY	1.03
129	-0.9141 GY	1.22
129	-1.0547 GY	1.41
129	-1.0547 GY	1.59
129	-0.9141 GY	1.78
129	-0.7734 GY	1.97
129	-0.6328 GY	2.15
129	-0.4922 GY	2.34
129	-0.3516 GY	2.53
129	-0.2109 GY	2.71
129	-0.0703 GY	2.88
357	-0.0703 GY	0.13
357	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 226

357	-0.3516 GY	0.48
357	-0.4922 GY	0.66
357	-0.6328 GY	0.85
357	-0.7734 GY	1.03
357	-0.9141 GY	1.22
357	-1.0547 GY	1.41
357	-1.0547 GY	1.59
357	-0.9141 GY	1.78
357	-0.7734 GY	1.97
357	-0.6328 GY	2.15
357	-0.4922 GY	2.34
357	-0.3516 GY	2.53
357	-0.2109 GY	2.71
357	-0.0703 GY	2.88
183	-0.0703 GY	0.12
183	-0.2109 GY	0.29
183	-0.3516 GY	0.47
183	-0.4922 GY	0.66
183	-0.6328 GY	0.85
183	-0.7734 GY	1.03
183	-0.9141 GY	1.22
183	-1.0547 GY	1.41
183	-1.0547 GY	1.59
183	-0.9141 GY	1.78
183	-0.7734 GY	1.97
183	-0.6328 GY	2.15
183	-0.4922 GY	2.34
183	-0.3516 GY	2.53
183	-0.2109 GY	2.71
183	-0.0703 GY	2.88
356	-0.0703 GY	0.13
356	-0.2109 GY	0.29
356	-0.3516 GY	0.48
356	-0.4922 GY	0.66
356	-0.6328 GY	0.85
356	-0.7734 GY	1.03
356	-0.9141 GY	1.22
356	-1.0547 GY	1.41
356	-1.0547 GY	1.59
356	-0.9141 GY	1.78
356	-0.7734 GY	1.97
356	-0.6328 GY	2.15
356	-0.4922 GY	2.34
356	-0.3516 GY	2.53
356	-0.2109 GY	2.71
356	-0.0703 GY	2.88
130	-0.0703 GY	0.12
130	-0.2109 GY	0.29
130	-0.3516 GY	0.47
130	-0.4922 GY	0.66
130	-0.6328 GY	0.85
130	-0.7734 GY	1.03
130	-0.9141 GY	1.22
130	-1.0547 GY	1.41
130	-1.0547 GY	1.59
130	-0.9141 GY	1.78

STAAD SPACE

-- PAGE NO. 227

130	-0.7734 GY	1.97
130	-0.6328 GY	2.15
130	-0.4922 GY	2.34
130	-0.3516 GY	2.53
130	-0.2109 GY	2.71
130	-0.0703 GY	2.88
358	-0.0703 GY	0.13
358	-0.2109 GY	0.29
358	-0.3516 GY	0.48
358	-0.4922 GY	0.66
358	-0.6328 GY	0.85
358	-0.7734 GY	1.03
358	-0.9141 GY	1.22
358	-1.0547 GY	1.41
358	-1.0547 GY	1.59
358	-0.9141 GY	1.78
358	-0.7734 GY	1.97
358	-0.6328 GY	2.15
358	-0.4922 GY	2.34
358	-0.3516 GY	2.53
358	-0.2109 GY	2.71
358	-0.0703 GY	2.88
184	-0.0703 GY	0.12
184	-0.2109 GY	0.29
184	-0.3516 GY	0.47
184	-0.4922 GY	0.66
184	-0.6328 GY	0.85
184	-0.7734 GY	1.03
184	-0.9141 GY	1.22
184	-1.0547 GY	1.41
184	-1.0547 GY	1.59
184	-0.9141 GY	1.78
184	-0.7734 GY	1.97
184	-0.6328 GY	2.15
184	-0.4922 GY	2.34
184	-0.3516 GY	2.53
184	-0.2109 GY	2.71
184	-0.0703 GY	2.88
357	-0.0703 GY	0.13
357	-0.2109 GY	0.29
357	-0.3516 GY	0.48
357	-0.4922 GY	0.66
357	-0.6328 GY	0.85
357	-0.7734 GY	1.03
357	-0.9141 GY	1.22
357	-1.0547 GY	1.41
357	-1.0547 GY	1.59
357	-0.9141 GY	1.78
357	-0.7734 GY	1.97
357	-0.6328 GY	2.15
357	-0.4922 GY	2.34
357	-0.3516 GY	2.53
357	-0.2109 GY	2.71
357	-0.0703 GY	2.88
131	-0.0703 GY	0.13
131	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 228

131	-0.3516	GY	0.48
131	-0.4922	GY	0.66
131	-0.6328	GY	0.85
131	-0.7734	GY	1.03
131	-0.9141	GY	1.22
131	-1.0547	GY	1.41
131	-1.0547	GY	1.59
131	-0.9141	GY	1.78
131	-0.7734	GY	1.97
131	-0.6328	GY	2.15
131	-0.4922	GY	2.34
131	-0.3516	GY	2.53
131	-0.2109	GY	2.71
131	-0.0703	GY	2.88
359	-0.0703	GY	0.13
359	-0.2109	GY	0.29
359	-0.3516	GY	0.48
359	-0.4922	GY	0.66
359	-0.6328	GY	0.85
359	-0.7734	GY	1.03
359	-0.9141	GY	1.22
359	-1.0547	GY	1.41
359	-1.0547	GY	1.59
359	-0.9141	GY	1.78
359	-0.7734	GY	1.97
359	-0.6328	GY	2.15
359	-0.4922	GY	2.34
359	-0.3516	GY	2.53
359	-0.2109	GY	2.71
359	-0.0703	GY	2.88
185	-0.0703	GY	0.13
185	-0.2109	GY	0.29
185	-0.3516	GY	0.48
185	-0.4922	GY	0.66
185	-0.6328	GY	0.85
185	-0.7734	GY	1.03
185	-0.9141	GY	1.22
185	-1.0547	GY	1.41
185	-1.0547	GY	1.59
185	-0.9141	GY	1.78
185	-0.7734	GY	1.97
185	-0.6328	GY	2.15
185	-0.4922	GY	2.34
185	-0.3516	GY	2.53
185	-0.2109	GY	2.71
185	-0.0703	GY	2.88
358	-0.0703	GY	0.13
358	-0.2109	GY	0.29
358	-0.3516	GY	0.48
358	-0.4922	GY	0.66
358	-0.6328	GY	0.85
358	-0.7734	GY	1.03
358	-0.9141	GY	1.22
358	-1.0547	GY	1.41
358	-1.0547	GY	1.59
358	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 229

358	-0.7734 GY	1.97
358	-0.6328 GY	2.15
358	-0.4922 GY	2.34
358	-0.3516 GY	2.53
358	-0.2109 GY	2.71
358	-0.0703 GY	2.88
132	-0.0703 GY	0.12
132	-0.2109 GY	0.29
132	-0.3516 GY	0.47
132	-0.4922 GY	0.66
132	-0.6328 GY	0.85
132	-0.7734 GY	1.03
132	-0.9141 GY	1.22
132	-1.0547 GY	1.41
132	-1.0547 GY	1.59
132	-0.9141 GY	1.78
132	-0.7734 GY	1.97
132	-0.6328 GY	2.15
132	-0.4922 GY	2.34
132	-0.3516 GY	2.52
132	-0.2109 GY	2.71
132	-0.0703 GY	2.87
360	-0.0703 GY	0.13
360	-0.2109 GY	0.29
360	-0.3516 GY	0.48
360	-0.4922 GY	0.66
360	-0.6328 GY	0.85
360	-0.7734 GY	1.03
360	-0.9141 GY	1.22
360	-1.0547 GY	1.41
360	-1.0547 GY	1.59
360	-0.9141 GY	1.78
360	-0.7734 GY	1.97
360	-0.6328 GY	2.15
360	-0.4922 GY	2.34
360	-0.3516 GY	2.53
360	-0.2109 GY	2.71
360	-0.0703 GY	2.88
186	-0.0703 GY	0.12
186	-0.2109 GY	0.29
186	-0.3516 GY	0.47
186	-0.4922 GY	0.66
186	-0.6328 GY	0.85
186	-0.7734 GY	1.03
186	-0.9141 GY	1.22
186	-1.0547 GY	1.41
186	-1.0547 GY	1.59
186	-0.9141 GY	1.78
186	-0.7734 GY	1.97
186	-0.6328 GY	2.15
186	-0.4922 GY	2.34
186	-0.3516 GY	2.52
186	-0.2109 GY	2.71
186	-0.0703 GY	2.87
359	-0.0703 GY	0.13
359	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 230

359	-0.3516	GY	0.48
359	-0.4922	GY	0.66
359	-0.6328	GY	0.85
359	-0.7734	GY	1.03
359	-0.9141	GY	1.22
359	-1.0547	GY	1.41
359	-1.0547	GY	1.59
359	-0.9141	GY	1.78
359	-0.7734	GY	1.97
359	-0.6328	GY	2.15
359	-0.4922	GY	2.34
359	-0.3516	GY	2.53
359	-0.2109	GY	2.71
359	-0.0703	GY	2.88
183	-0.0703	GY	0.12
183	-0.2109	GY	0.29
183	-0.3516	GY	0.47
183	-0.4922	GY	0.66
183	-0.6328	GY	0.85
183	-0.7734	GY	1.03
183	-0.9141	GY	1.22
183	-1.0547	GY	1.41
183	-1.0547	GY	1.59
183	-0.9141	GY	1.78
183	-0.7734	GY	1.97
183	-0.6328	GY	2.15
183	-0.4922	GY	2.34
183	-0.3516	GY	2.53
183	-0.2109	GY	2.71
183	-0.0703	GY	2.88
387	-0.0703	GY	0.12
387	-0.2109	GY	0.29
387	-0.3516	GY	0.47
387	-0.4922	GY	0.66
387	-0.6328	GY	0.85
387	-0.7734	GY	1.03
387	-0.9141	GY	1.22
387	-1.0547	GY	1.41
387	-1.0547	GY	1.59
387	-0.9141	GY	1.78
387	-0.7734	GY	1.97
387	-0.6328	GY	2.15
387	-0.4922	GY	2.34
387	-0.3516	GY	2.52
387	-0.2109	GY	2.71
387	-0.0703	GY	2.87
237	-0.0703	GY	0.12
237	-0.2109	GY	0.29
237	-0.3516	GY	0.47
237	-0.4922	GY	0.66
237	-0.6328	GY	0.85
237	-0.7734	GY	1.03
237	-0.9141	GY	1.22
237	-1.0547	GY	1.41
237	-1.0547	GY	1.59
237	-0.9141	GY	1.78

STAAD SPACE

-- PAGE NO. 231

237	-0.7734 GY	1.97
237	-0.6328 GY	2.15
237	-0.4922 GY	2.34
237	-0.3516 GY	2.53
237	-0.2109 GY	2.71
237	-0.0703 GY	2.88
386	-0.0703 GY	0.12
386	-0.2109 GY	0.29
386	-0.3516 GY	0.47
386	-0.4922 GY	0.66
386	-0.6328 GY	0.85
386	-0.7734 GY	1.03
386	-0.9141 GY	1.22
386	-1.0547 GY	1.41
386	-1.0547 GY	1.59
386	-0.9141 GY	1.78
386	-0.7734 GY	1.97
386	-0.6328 GY	2.15
386	-0.4922 GY	2.34
386	-0.3516 GY	2.52
386	-0.2109 GY	2.71
386	-0.0703 GY	2.87
184	-0.0703 GY	0.12
184	-0.2109 GY	0.29
184	-0.3516 GY	0.47
184	-0.4922 GY	0.66
184	-0.6328 GY	0.85
184	-0.7734 GY	1.03
184	-0.9141 GY	1.22
184	-1.0547 GY	1.41
184	-1.0547 GY	1.59
184	-0.9141 GY	1.78
184	-0.7734 GY	1.97
184	-0.6328 GY	2.15
184	-0.4922 GY	2.34
184	-0.3516 GY	2.53
184	-0.2109 GY	2.71
184	-0.0703 GY	2.88
388	-0.0703 GY	0.12
388	-0.2109 GY	0.29
388	-0.3516 GY	0.47
388	-0.4922 GY	0.66
388	-0.6328 GY	0.85
388	-0.7734 GY	1.03
388	-0.9141 GY	1.22
388	-1.0547 GY	1.41
388	-1.0547 GY	1.59
388	-0.9141 GY	1.78
388	-0.7734 GY	1.97
388	-0.6328 GY	2.15
388	-0.4922 GY	2.34
388	-0.3516 GY	2.52
388	-0.2109 GY	2.71
388	-0.0703 GY	2.87
238	-0.0703 GY	0.12
238	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 232

238	-0.3516	GY	0.47
238	-0.4922	GY	0.66
238	-0.6328	GY	0.85
238	-0.7734	GY	1.03
238	-0.9141	GY	1.22
238	-1.0547	GY	1.41
238	-1.0547	GY	1.59
238	-0.9141	GY	1.78
238	-0.7734	GY	1.97
238	-0.6328	GY	2.15
238	-0.4922	GY	2.34
238	-0.3516	GY	2.53
238	-0.2109	GY	2.71
238	-0.0703	GY	2.88
387	-0.0703	GY	0.12
387	-0.2109	GY	0.29
387	-0.3516	GY	0.47
387	-0.4922	GY	0.66
387	-0.6328	GY	0.85
387	-0.7734	GY	1.03
387	-0.9141	GY	1.22
387	-1.0547	GY	1.41
387	-1.0547	GY	1.59
387	-0.9141	GY	1.78
387	-0.7734	GY	1.97
387	-0.6328	GY	2.15
387	-0.4922	GY	2.34
387	-0.3516	GY	2.52
387	-0.2109	GY	2.71
387	-0.0703	GY	2.87
185	-0.0703	GY	0.13
185	-0.2109	GY	0.29
185	-0.3516	GY	0.48
185	-0.4922	GY	0.66
185	-0.6328	GY	0.85
185	-0.7734	GY	1.03
185	-0.9141	GY	1.22
185	-1.0547	GY	1.41
185	-1.0547	GY	1.59
185	-0.9141	GY	1.78
185	-0.7734	GY	1.97
185	-0.6328	GY	2.15
185	-0.4922	GY	2.34
185	-0.3516	GY	2.53
185	-0.2109	GY	2.71
185	-0.0703	GY	2.88
389	-0.0703	GY	0.12
389	-0.2109	GY	0.29
389	-0.3516	GY	0.47
389	-0.4922	GY	0.66
389	-0.6328	GY	0.85
389	-0.7734	GY	1.03
389	-0.9141	GY	1.22
389	-1.0547	GY	1.41
389	-1.0547	GY	1.59
389	-0.9141	GY	1.78



STAAD SPACE

-- PAGE NO. 233

389	-0.7734 GY	1.97
389	-0.6328 GY	2.15
389	-0.4922 GY	2.34
389	-0.3516 GY	2.52
389	-0.2109 GY	2.71
389	-0.0703 GY	2.87
239	-0.0703 GY	0.13
239	-0.2109 GY	0.29
239	-0.3516 GY	0.48
239	-0.4922 GY	0.66
239	-0.6328 GY	0.85
239	-0.7734 GY	1.03
239	-0.9141 GY	1.22
239	-1.0547 GY	1.41
239	-1.0547 GY	1.59
239	-0.9141 GY	1.78
239	-0.7734 GY	1.97
239	-0.6328 GY	2.15
239	-0.4922 GY	2.34
239	-0.3516 GY	2.53
239	-0.2109 GY	2.71
239	-0.0703 GY	2.88
388	-0.0703 GY	0.12
388	-0.2109 GY	0.29
388	-0.3516 GY	0.47
388	-0.4922 GY	0.66
388	-0.6328 GY	0.85
388	-0.7734 GY	1.03
388	-0.9141 GY	1.22
388	-1.0547 GY	1.41
388	-1.0547 GY	1.59
388	-0.9141 GY	1.78
388	-0.7734 GY	1.97
388	-0.6328 GY	2.15
388	-0.4922 GY	2.34
388	-0.3516 GY	2.52
388	-0.2109 GY	2.71
388	-0.0703 GY	2.87
186	-0.0703 GY	0.12
186	-0.2109 GY	0.29
186	-0.3516 GY	0.47
186	-0.4922 GY	0.66
186	-0.6328 GY	0.85
186	-0.7734 GY	1.03
186	-0.9141 GY	1.22
186	-1.0547 GY	1.41
186	-1.0547 GY	1.59
186	-0.9141 GY	1.78
186	-0.7734 GY	1.97
186	-0.6328 GY	2.15
186	-0.4922 GY	2.34
186	-0.3516 GY	2.52
186	-0.2109 GY	2.71
186	-0.0703 GY	2.87
390	-0.0703 GY	0.12
390	-0.2109 GY	0.29

STAAD SPACE

-- PAGE NO. 234

390	-0.3516 GY	0.47
390	-0.4922 GY	0.66
390	-0.6328 GY	0.85
390	-0.7734 GY	1.03
390	-0.9141 GY	1.22
390	-1.0547 GY	1.41
390	-1.0547 GY	1.59
390	-0.9141 GY	1.78
390	-0.7734 GY	1.97
390	-0.6328 GY	2.15
390	-0.4922 GY	2.34
390	-0.3516 GY	2.52
390	-0.2109 GY	2.71
390	-0.0703 GY	2.87
240	-0.0703 GY	0.12
240	-0.2109 GY	0.29
240	-0.3516 GY	0.47
240	-0.4922 GY	0.66
240	-0.6328 GY	0.85
240	-0.7734 GY	1.03
240	-0.9141 GY	1.22
240	-1.0547 GY	1.41
240	-1.0547 GY	1.59
240	-0.9141 GY	1.78
240	-0.7734 GY	1.97
240	-0.6328 GY	2.15
240	-0.4922 GY	2.34
240	-0.3516 GY	2.52
240	-0.2109 GY	2.71
240	-0.0703 GY	2.87
389	-0.0703 GY	0.12
389	-0.2109 GY	0.29
389	-0.3516 GY	0.47
389	-0.4922 GY	0.66
389	-0.6328 GY	0.85
389	-0.7734 GY	1.03
389	-0.9141 GY	1.22
389	-1.0547 GY	1.41
389	-1.0547 GY	1.59
389	-0.9141 GY	1.78
389	-0.7734 GY	1.97
389	-0.6328 GY	2.15
389	-0.4922 GY	2.34
389	-0.3516 GY	2.52
389	-0.2109 GY	2.71
389	-0.0703 GY	2.87

**\*\*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.**

STAAD SPACE

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```
*****
*
* TIME PERIOD FOR X 1893 LOADING = 0.65541 SEC
* SA/G PER 1893= 1.038, LOAD FACTOR= 1.000
* FACTOR V PER 1893 AT GL= 0.0249 X 8317.35
* FACTOR V PER 1893 AT 30 M= 0.0125 X 8317.35
* FACTOR V PER 1893= 0.0228 X 8317.35
*
*****
```

```
*****
*
* TIME PERIOD FOR Z 1893 LOADING = 0.65541 SEC
* SA/G PER 1893= 1.038, LOAD FACTOR= 1.000
* FACTOR V PER 1893 AT GL= 0.0249 X 8317.35
* FACTOR V PER 1893 AT 30 M= 0.0125 X 8317.35
* FACTOR V PER 1893= 0.0228 X 8317.35
*
*****
```

JOINT		LATERAL LOAD (KN )	TORSIONAL MOMENT (KN -METE)	LOAD - FACTOR -
-----		-----	-----	1 1.000
6	FX	0.055	MY 0.000	
7	FX	0.078	MY 0.000	
8	FX	0.078	MY 0.000	
9	FX	0.078	MY 0.000	
10	FX	0.055	MY 0.000	
41	FX	0.078	MY 0.000	
42	FX	0.116	MY 0.000	
43	FX	0.116	MY 0.000	
44	FX	0.116	MY 0.000	
45	FX	0.078	MY 0.000	
76	FX	0.078	MY 0.000	
77	FX	0.116	MY 0.000	
78	FX	0.116	MY 0.000	
79	FX	0.116	MY 0.000	
80	FX	0.078	MY 0.000	
111	FX	0.078	MY 0.000	
112	FX	0.116	MY 0.000	
113	FX	0.116	MY 0.000	
114	FX	0.116	MY 0.000	
115	FX	0.078	MY 0.000	
146	FX	0.055	MY 0.000	
147	FX	0.078	MY 0.000	
148	FX	0.078	MY 0.000	
149	FX	0.078	MY 0.000	
150	FX	0.055	MY 0.000	
-----				
TOTAL =		2.198	0.000 AT LEVEL	3.000 METE
VB PER 1893 =		189.846 KN		
11	FX	0.220	MY 0.000	
12	FX	0.313	MY 0.000	
13	FX	0.313	MY 0.000	

STAAD SPACE

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14	FX	0.313	MY	0.000
15	FX	0.220	MY	0.000
46	FX	0.313	MY	0.000
47	FX	0.463	MY	0.000
48	FX	0.463	MY	0.000
49	FX	0.463	MY	0.000
50	FX	0.313	MY	0.000
81	FX	0.313	MY	0.000
82	FX	0.463	MY	0.000
83	FX	0.463	MY	0.000
84	FX	0.463	MY	0.000
85	FX	0.313	MY	0.000
116	FX	0.313	MY	0.000
117	FX	0.463	MY	0.000
118	FX	0.463	MY	0.000
119	FX	0.463	MY	0.000
120	FX	0.313	MY	0.000
151	FX	0.220	MY	0.000
152	FX	0.313	MY	0.000
153	FX	0.313	MY	0.000
154	FX	0.313	MY	0.000
155	FX	0.220	MY	0.000

-----

TOTAL =	8.794	0.000	AT LEVEL	6.000	METE
VB PER 1893 =	189.846	KN			

16	FX	0.494	MY	0.000
17	FX	0.703	MY	0.000
18	FX	0.703	MY	0.000
19	FX	0.703	MY	0.000
20	FX	0.494	MY	0.000
51	FX	0.703	MY	0.000
52	FX	1.041	MY	0.000
53	FX	1.041	MY	0.000
54	FX	1.041	MY	0.000
55	FX	0.703	MY	0.000
86	FX	0.703	MY	0.000
87	FX	1.041	MY	0.000
88	FX	1.041	MY	0.000
89	FX	1.041	MY	0.000
90	FX	0.703	MY	0.000
121	FX	0.703	MY	0.000
122	FX	1.041	MY	0.000
123	FX	1.041	MY	0.000
124	FX	1.041	MY	0.000
125	FX	0.703	MY	0.000
156	FX	0.494	MY	0.000
157	FX	0.703	MY	0.000
158	FX	0.703	MY	0.000
159	FX	0.703	MY	0.000
160	FX	0.494	MY	0.000

-----

TOTAL =	19.786	0.000	AT LEVEL	9.000	METE
VB PER 1893 =	189.846	KN			

21	FX	0.879	MY	0.000
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STAAD SPACE

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22	FX	1.250	MY	0.000
23	FX	1.250	MY	0.000
24	FX	1.250	MY	0.000
25	FX	0.879	MY	0.000
56	FX	1.250	MY	0.000
57	FX	1.851	MY	0.000
58	FX	1.851	MY	0.000
59	FX	1.851	MY	0.000
60	FX	1.250	MY	0.000
91	FX	1.250	MY	0.000
92	FX	1.851	MY	0.000
93	FX	1.851	MY	0.000
94	FX	1.851	MY	0.000
95	FX	1.250	MY	0.000
126	FX	1.250	MY	0.000
127	FX	1.851	MY	0.000
128	FX	1.851	MY	0.000
129	FX	1.851	MY	0.000
130	FX	1.250	MY	0.000
161	FX	0.879	MY	0.000
162	FX	1.250	MY	0.000
163	FX	1.250	MY	0.000
164	FX	1.250	MY	0.000
165	FX	0.879	MY	0.000

-----

TOTAL =	35.176	0.000 AT LEVEL	12.000 METE
VB PER 1893 =	189.846 KN		

26	FX	1.373	MY	0.000
27	FX	1.954	MY	0.000
28	FX	1.954	MY	0.000
29	FX	1.954	MY	0.000
30	FX	1.373	MY	0.000
61	FX	1.954	MY	0.000
62	FX	2.892	MY	0.000
63	FX	2.892	MY	0.000
64	FX	2.892	MY	0.000
65	FX	1.954	MY	0.000
96	FX	1.954	MY	0.000
97	FX	2.892	MY	0.000
98	FX	2.892	MY	0.000
99	FX	2.892	MY	0.000
100	FX	1.954	MY	0.000
131	FX	1.954	MY	0.000
132	FX	2.892	MY	0.000
133	FX	2.892	MY	0.000
134	FX	2.892	MY	0.000
135	FX	1.954	MY	0.000
166	FX	1.373	MY	0.000
167	FX	1.954	MY	0.000
168	FX	1.954	MY	0.000
169	FX	1.954	MY	0.000
170	FX	1.373	MY	0.000

STAAD SPACE

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-----  
TOTAL = 54.962 0.000 AT LEVEL 15.000 METE  
VB PER 1893 = 189.846 KN

31	FX	1.568	MY	0.000
32	FX	2.405	MY	0.000
33	FX	2.405	MY	0.000
34	FX	2.405	MY	0.000
35	FX	1.568	MY	0.000
66	FX	2.405	MY	0.000
67	FX	3.755	MY	0.000
68	FX	3.755	MY	0.000
69	FX	3.755	MY	0.000
70	FX	2.405	MY	0.000
101	FX	2.405	MY	0.000
102	FX	3.755	MY	0.000
103	FX	3.755	MY	0.000
104	FX	3.755	MY	0.000
105	FX	2.405	MY	0.000
136	FX	2.405	MY	0.000
137	FX	3.755	MY	0.000
138	FX	3.755	MY	0.000
139	FX	3.755	MY	0.000
140	FX	2.405	MY	0.000
171	FX	1.568	MY	0.000
172	FX	2.405	MY	0.000
173	FX	2.405	MY	0.000
174	FX	2.405	MY	0.000
175	FX	1.568	MY	0.000

-----  
TOTAL = 68.930 0.000 AT LEVEL 18.000 METE  
VB PER 1893 = 189.846 KN

JOINT		LATERAL LOAD (KN )	TORSIONAL MOMENT (KN	LOAD - 2 -METE) FACTOR - 1.000
-----		-----	-----	
6	FZ	0.055	MY	0.000
7	FZ	0.078	MY	0.000
8	FZ	0.078	MY	0.000
9	FZ	0.078	MY	0.000
10	FZ	0.055	MY	0.000
41	FZ	0.078	MY	0.000
42	FZ	0.116	MY	0.000
43	FZ	0.116	MY	0.000
44	FZ	0.116	MY	0.000
45	FZ	0.078	MY	0.000
76	FZ	0.078	MY	0.000
77	FZ	0.116	MY	0.000
78	FZ	0.116	MY	0.000
79	FZ	0.116	MY	0.000
80	FZ	0.078	MY	0.000
111	FZ	0.078	MY	0.000
112	FZ	0.116	MY	0.000
113	FZ	0.116	MY	0.000

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114	FZ	0.116	MY	0.000
115	FZ	0.078	MY	0.000
146	FZ	0.055	MY	0.000
147	FZ	0.078	MY	0.000
148	FZ	0.078	MY	0.000
149	FZ	0.078	MY	0.000
150	FZ	0.055	MY	0.000

TOTAL =	2.198	0.000 AT LEVEL	3.000 METE
VB PER 1893 =	189.846 KN		

11	FZ	0.220	MY	0.000
12	FZ	0.313	MY	0.000
13	FZ	0.313	MY	0.000
14	FZ	0.313	MY	0.000
15	FZ	0.220	MY	0.000
46	FZ	0.313	MY	0.000
47	FZ	0.463	MY	0.000
48	FZ	0.463	MY	0.000
49	FZ	0.463	MY	0.000
50	FZ	0.313	MY	0.000
81	FZ	0.313	MY	0.000
82	FZ	0.463	MY	0.000
83	FZ	0.463	MY	0.000
84	FZ	0.463	MY	0.000
85	FZ	0.313	MY	0.000
116	FZ	0.313	MY	0.000
117	FZ	0.463	MY	0.000
118	FZ	0.463	MY	0.000
119	FZ	0.463	MY	0.000
120	FZ	0.313	MY	0.000
151	FZ	0.220	MY	0.000
152	FZ	0.313	MY	0.000
153	FZ	0.313	MY	0.000
154	FZ	0.313	MY	0.000
155	FZ	0.220	MY	0.000

TOTAL =	8.794	0.000 AT LEVEL	6.000 METE
VB PER 1893 =	189.846 KN		

16	FZ	0.494	MY	0.000
17	FZ	0.703	MY	0.000
18	FZ	0.703	MY	0.000
19	FZ	0.703	MY	0.000
20	FZ	0.494	MY	0.000
51	FZ	0.703	MY	0.000
52	FZ	1.041	MY	0.000
53	FZ	1.041	MY	0.000
54	FZ	1.041	MY	0.000
55	FZ	0.703	MY	0.000
86	FZ	0.703	MY	0.000
87	FZ	1.041	MY	0.000
88	FZ	1.041	MY	0.000
89	FZ	1.041	MY	0.000
90	FZ	0.703	MY	0.000
121	FZ	0.703	MY	0.000

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122	FZ	1.041	MY	0.000
123	FZ	1.041	MY	0.000
124	FZ	1.041	MY	0.000
125	FZ	0.703	MY	0.000
156	FZ	0.494	MY	0.000
157	FZ	0.703	MY	0.000
158	FZ	0.703	MY	0.000
159	FZ	0.703	MY	0.000
160	FZ	0.494	MY	0.000

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TOTAL =	19.786	0.000 AT LEVEL	9.000 METE
VB PER 1893 =	189.846 KN		

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21	FZ	0.879	MY	0.000
22	FZ	1.250	MY	0.000
23	FZ	1.250	MY	0.000
24	FZ	1.250	MY	0.000
25	FZ	0.879	MY	0.000
56	FZ	1.250	MY	0.000
57	FZ	1.851	MY	0.000
58	FZ	1.851	MY	0.000
59	FZ	1.851	MY	0.000
60	FZ	1.250	MY	0.000
91	FZ	1.250	MY	0.000
92	FZ	1.851	MY	0.000
93	FZ	1.851	MY	0.000
94	FZ	1.851	MY	0.000
95	FZ	1.250	MY	0.000
126	FZ	1.250	MY	0.000
127	FZ	1.851	MY	0.000
128	FZ	1.851	MY	0.000
129	FZ	1.851	MY	0.000
130	FZ	1.250	MY	0.000
161	FZ	0.879	MY	0.000
162	FZ	1.250	MY	0.000
163	FZ	1.250	MY	0.000
164	FZ	1.250	MY	0.000
165	FZ	0.879	MY	0.000

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TOTAL =	35.176	0.000 AT LEVEL	12.000 METE
VB PER 1893 =	189.846 KN		

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26	FZ	1.373	MY	0.000
27	FZ	1.954	MY	0.000
28	FZ	1.954	MY	0.000
29	FZ	1.954	MY	0.000
30	FZ	1.373	MY	0.000
61	FZ	1.954	MY	0.000
62	FZ	2.892	MY	0.000
63	FZ	2.892	MY	0.000
64	FZ	2.892	MY	0.000
65	FZ	1.954	MY	0.000
96	FZ	1.954	MY	0.000
97	FZ	2.892	MY	0.000
98	FZ	2.892	MY	0.000
99	FZ	2.892	MY	0.000



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100	FZ	1.954	MY	0.000
131	FZ	1.954	MY	0.000
132	FZ	2.892	MY	0.000
133	FZ	2.892	MY	0.000
134	FZ	2.892	MY	0.000
135	FZ	1.954	MY	0.000
166	FZ	1.373	MY	0.000
167	FZ	1.954	MY	0.000
168	FZ	1.954	MY	0.000
169	FZ	1.954	MY	0.000
170	FZ	1.373	MY	0.000

TOTAL =	54.962	0.000	AT LEVEL	15.000	METE
VB PER 1893 =	189.846	KN			

31	FZ	1.568	MY	0.000
32	FZ	2.405	MY	0.000
33	FZ	2.405	MY	0.000
34	FZ	2.405	MY	0.000
35	FZ	1.568	MY	0.000
66	FZ	2.405	MY	0.000
67	FZ	3.755	MY	0.000
68	FZ	3.755	MY	0.000
69	FZ	3.755	MY	0.000
70	FZ	2.405	MY	0.000
101	FZ	2.405	MY	0.000
102	FZ	3.755	MY	0.000
103	FZ	3.755	MY	0.000
104	FZ	3.755	MY	0.000
105	FZ	2.405	MY	0.000
136	FZ	2.405	MY	0.000
137	FZ	3.755	MY	0.000
138	FZ	3.755	MY	0.000
139	FZ	3.755	MY	0.000
140	FZ	2.405	MY	0.000
171	FZ	1.568	MY	0.000
172	FZ	2.405	MY	0.000
173	FZ	2.405	MY	0.000
174	FZ	2.405	MY	0.000
175	FZ	1.568	MY	0.000

TOTAL =	68.930	0.000	AT LEVEL	18.000	METE
VB PER 1893 =	189.846	KN			

FOR LOADING - 1

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
6	5.49105E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
7	7.81521E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8	7.81521E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9	7.81521E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	5.49105E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
11	2.19642E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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## APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
12	3.12609E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
13	3.12609E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
14	3.12609E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
15	2.19642E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
16	4.94194E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
17	7.03369E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	7.03369E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
19	7.03369E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
20	4.94194E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
21	8.78568E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
22	1.25043E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
23	1.25043E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
24	1.25043E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
25	8.78568E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
26	1.37276E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
27	1.95380E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	1.95380E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
29	1.95380E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
30	1.37276E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
31	1.56817E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
32	2.40486E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
33	2.40486E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
34	2.40486E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	1.56817E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
41	7.81521E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
42	1.15667E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
43	1.15667E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
44	1.15667E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
45	7.81521E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
46	3.12609E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
47	4.62669E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
48	4.62669E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
49	4.62669E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
50	3.12609E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
51	7.03369E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
52	1.04101E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
53	1.04101E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
54	1.04101E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
55	7.03369E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
56	1.25043E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
57	1.85068E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
58	1.85068E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
59	1.85068E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
60	1.25043E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
61	1.95380E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
62	2.89168E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
63	2.89168E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
64	2.89168E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
65	1.95380E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
66	2.40486E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
67	3.75541E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
68	3.75541E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	3.75541E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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## APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
70	2.40486E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
76	7.81521E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
77	1.15667E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
78	1.15667E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
79	1.15667E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
80	7.81521E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
81	3.12609E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
82	4.62669E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
83	4.62669E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
84	4.62669E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
85	3.12608E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
86	7.03369E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
87	1.04101E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
88	1.04101E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
89	1.04101E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
90	7.03369E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
91	1.25043E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
92	1.85068E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
93	1.85068E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	1.85068E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
95	1.25043E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
96	1.95380E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
97	2.89168E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
98	2.89168E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
99	2.89168E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
100	1.95380E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
101	2.40486E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
102	3.75541E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
103	3.75541E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
104	3.75541E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
105	2.40486E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
111	7.81521E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
112	1.15667E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
113	1.15667E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
114	1.15667E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
115	7.81521E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
116	3.12609E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
117	4.62669E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
118	4.62669E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
119	4.62669E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
120	3.12608E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
121	7.03369E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
122	1.04101E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
123	1.04101E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
124	1.04101E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
125	7.03369E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
126	1.25043E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
127	1.85068E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
128	1.85068E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
129	1.85068E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
130	1.25043E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
131	1.95380E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
132	2.89168E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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## APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
133	2.89168E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
134	2.89168E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
135	1.95380E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
136	2.40486E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
137	3.75541E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
138	3.75541E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
139	3.75541E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
140	2.40486E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
146	5.49105E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
147	7.81521E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
148	7.81521E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
149	7.81521E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
150	5.49105E-02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
151	2.19642E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
152	3.12609E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
153	3.12609E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
154	3.12609E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
155	2.19642E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
156	4.94194E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
157	7.03369E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
158	7.03369E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
159	7.03369E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
160	4.94194E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
161	8.78568E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
162	1.25043E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
163	1.25043E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
164	1.25043E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
165	8.78568E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
166	1.37276E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
167	1.95380E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
168	1.95380E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
169	1.95380E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
170	1.37276E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
171	1.56817E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
172	2.40486E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
173	2.40486E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
174	2.40486E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
175	1.56817E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 1  
LOADTYPE SEISMIC TITLE SL X

CENTER OF FORCE BASED ON X FORCES ONLY (METER).  
(FORCES IN NON-GLOBAL DIRECTIONS WILL INVALIDATE RESULTS)

X = 0.599999991E+01  
Y = 0.143522019E+02  
Z = 0.600000002E+01

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## \*\*\*TOTAL APPLIED LOAD ( KN METE ) SUMMARY (LOADING 1 )

SUMMATION FORCE-X = 189.85  
 SUMMATION FORCE-Y = 0.00  
 SUMMATION FORCE-Z = 0.00

## SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= 0.00 MY= 1139.07 MZ= -2724.70

## \*\*\*TOTAL REACTION LOAD( KN METE ) SUMMARY (LOADING 1 )

SUMMATION FORCE-X = -189.85  
 SUMMATION FORCE-Y = 0.00  
 SUMMATION FORCE-Z = 0.00

## SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= 0.00 MY= -1139.07 MZ= 2724.70

## MAXIMUM DISPLACEMENTS ( CM /RADIANS) (LOADING 1)

## MAXIMUMS AT NODE

X = 3.39656E-01 105  
 Y = -7.78392E-03 105  
 Z = -1.06316E-04 35  
 RX= -1.79004E-07 140  
 RY= 9.52111E-06 66  
 RZ= -1.92381E-04 81

## EXTERNAL AND INTERNAL JOINT LOAD SUMMARY ( KN METE )-

JT	EXT FX/ INT FX	EXT FY/ INT FY	EXT FZ/ INT FZ	EXT MX/ INT MX	EXT MY/ INT MY	EXT MZ/ INT MZ
						SUPPORT=1
1	0.00 6.34	0.00 38.73	0.00 0.00	0.00 0.00	0.00 0.01	0.00 -13.80 111111
2	0.00 8.40	0.00 0.14	0.00 0.00	0.00 0.00	0.00 0.01	0.00 -15.82 111111
3	0.00 8.33	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.01	0.00 -15.75 111111
4	0.00 8.40	0.00 -0.14	0.00 0.00	0.00 0.00	0.00 0.01	0.00 -15.82 111111
5	0.00 6.34	0.00 -38.73	0.00 0.00	0.00 0.00	0.00 0.01	0.00 -13.80 111111
36	0.00 6.38	0.00 39.21	0.00 0.00	0.00 0.00	0.00 0.01	0.00 -13.88 111111
37	0.00 8.45	0.00 0.15	0.00 0.00	0.00 0.00	0.00 0.01	0.00 -15.91 111111
38	0.00 8.38	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.01	0.00 -15.84 111111
39	0.00 8.45	0.00 -0.15	0.00 0.00	0.00 0.00	0.00 0.01	0.00 -15.91 111111
40	0.00 6.38	0.00 -39.21	0.00 0.00	0.00 0.00	0.00 0.01	0.00 -13.88 111111

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71	0.00	0.00	0.00	0.00	0.00	0.00	
	6.39	39.44	0.00	0.00	0.00	-13.92	111111

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72	0.00	0.00	0.00	0.00	0.00	0.00
	8.48	0.15	0.00	0.00	0.00	-15.96 111111
73	0.00	0.00	0.00	0.00	0.00	0.00
	8.40	0.00	0.00	0.00	0.00	-15.89 111111
74	0.00	0.00	0.00	0.00	0.00	0.00
	8.48	-0.15	0.00	0.00	0.00	-15.96 111111
75	0.00	0.00	0.00	0.00	0.00	0.00
	6.39	-39.44	0.00	0.00	0.00	-13.92 111111
106	0.00	0.00	0.00	0.00	0.00	0.00
	6.38	39.21	0.00	0.00	-0.01	-13.88 111111
107	0.00	0.00	0.00	0.00	0.00	0.00
	8.45	0.15	0.00	0.00	-0.01	-15.91 111111
108	0.00	0.00	0.00	0.00	0.00	0.00
	8.38	0.00	0.00	0.00	-0.01	-15.84 111111
109	0.00	0.00	0.00	0.00	0.00	0.00
	8.45	-0.15	0.00	0.00	-0.01	-15.91 111111
110	0.00	0.00	0.00	0.00	0.00	0.00
	6.38	-39.21	0.00	0.00	-0.01	-13.88 111111
141	0.00	0.00	0.00	0.00	0.00	0.00
	6.34	38.73	0.00	0.00	-0.01	-13.80 111111
142	0.00	0.00	0.00	0.00	0.00	0.00
	8.40	0.14	0.00	0.00	-0.01	-15.82 111111
143	0.00	0.00	0.00	0.00	0.00	0.00
	8.33	0.00	0.00	0.00	-0.01	-15.75 111111
144	0.00	0.00	0.00	0.00	0.00	0.00
	8.40	-0.14	0.00	0.00	-0.01	-15.82 111111
145	0.00	0.00	0.00	0.00	0.00	0.00
	6.34	-38.73	0.00	0.00	-0.01	-13.80 111111

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APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
6	0.00000E+00	0.00000E+00	5.49105E-02	0.00000E+00	0.00000E+00	0.00000E+00
7	0.00000E+00	0.00000E+00	7.81521E-02	0.00000E+00	0.00000E+00	0.00000E+00
8	0.00000E+00	0.00000E+00	7.81521E-02	0.00000E+00	0.00000E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	7.81521E-02	0.00000E+00	0.00000E+00	0.00000E+00
10	0.00000E+00	0.00000E+00	5.49105E-02	0.00000E+00	0.00000E+00	0.00000E+00
11	0.00000E+00	0.00000E+00	2.19642E-01	0.00000E+00	0.00000E+00	0.00000E+00
12	0.00000E+00	0.00000E+00	3.12609E-01	0.00000E+00	0.00000E+00	0.00000E+00
13	0.00000E+00	0.00000E+00	3.12609E-01	0.00000E+00	0.00000E+00	0.00000E+00
14	0.00000E+00	0.00000E+00	3.12609E-01	0.00000E+00	0.00000E+00	0.00000E+00
15	0.00000E+00	0.00000E+00	2.19642E-01	0.00000E+00	0.00000E+00	0.00000E+00
16	0.00000E+00	0.00000E+00	4.94194E-01	0.00000E+00	0.00000E+00	0.00000E+00
17	0.00000E+00	0.00000E+00	7.03369E-01	0.00000E+00	0.00000E+00	0.00000E+00
18	0.00000E+00	0.00000E+00	7.03369E-01	0.00000E+00	0.00000E+00	0.00000E+00
19	0.00000E+00	0.00000E+00	7.03369E-01	0.00000E+00	0.00000E+00	0.00000E+00
20	0.00000E+00	0.00000E+00	4.94194E-01	0.00000E+00	0.00000E+00	0.00000E+00
21	0.00000E+00	0.00000E+00	8.78568E-01	0.00000E+00	0.00000E+00	0.00000E+00
22	0.00000E+00	0.00000E+00	1.25043E+00	0.00000E+00	0.00000E+00	0.00000E+00
23	0.00000E+00	0.00000E+00	1.25043E+00	0.00000E+00	0.00000E+00	0.00000E+00
24	0.00000E+00	0.00000E+00	1.25043E+00	0.00000E+00	0.00000E+00	0.00000E+00
25	0.00000E+00	0.00000E+00	8.78568E-01	0.00000E+00	0.00000E+00	0.00000E+00
26	0.00000E+00	0.00000E+00	1.37276E+00	0.00000E+00	0.00000E+00	0.00000E+00

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27	0.00000E+00	0.00000E+00	1.95380E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.00000E+00	0.00000E+00	1.95380E+00	0.00000E+00	0.00000E+00	0.00000E+00
29	0.00000E+00	0.00000E+00	1.95380E+00	0.00000E+00	0.00000E+00	0.00000E+00



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## APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
30	0.00000E+00	0.00000E+00	1.37276E+00	0.00000E+00	0.00000E+00	0.00000E+00
31	0.00000E+00	0.00000E+00	1.56817E+00	0.00000E+00	0.00000E+00	0.00000E+00
32	0.00000E+00	0.00000E+00	2.40486E+00	0.00000E+00	0.00000E+00	0.00000E+00
33	0.00000E+00	0.00000E+00	2.40486E+00	0.00000E+00	0.00000E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	2.40486E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.00000E+00	0.00000E+00	1.56817E+00	0.00000E+00	0.00000E+00	0.00000E+00
41	0.00000E+00	0.00000E+00	7.81521E-02	0.00000E+00	0.00000E+00	0.00000E+00
42	0.00000E+00	0.00000E+00	1.15667E-01	0.00000E+00	0.00000E+00	0.00000E+00
43	0.00000E+00	0.00000E+00	1.15667E-01	0.00000E+00	0.00000E+00	0.00000E+00
44	0.00000E+00	0.00000E+00	1.15667E-01	0.00000E+00	0.00000E+00	0.00000E+00
45	0.00000E+00	0.00000E+00	7.81521E-02	0.00000E+00	0.00000E+00	0.00000E+00
46	0.00000E+00	0.00000E+00	3.12609E-01	0.00000E+00	0.00000E+00	0.00000E+00
47	0.00000E+00	0.00000E+00	4.62669E-01	0.00000E+00	0.00000E+00	0.00000E+00
48	0.00000E+00	0.00000E+00	4.62669E-01	0.00000E+00	0.00000E+00	0.00000E+00
49	0.00000E+00	0.00000E+00	4.62669E-01	0.00000E+00	0.00000E+00	0.00000E+00
50	0.00000E+00	0.00000E+00	3.12608E+00	0.00000E+00	0.00000E+00	0.00000E+00
51	0.00000E+00	0.00000E+00	7.03369E-01	0.00000E+00	0.00000E+00	0.00000E+00
52	0.00000E+00	0.00000E+00	1.04101E+00	0.00000E+00	0.00000E+00	0.00000E+00
53	0.00000E+00	0.00000E+00	1.04101E+00	0.00000E+00	0.00000E+00	0.00000E+00
54	0.00000E+00	0.00000E+00	1.04101E+00	0.00000E+00	0.00000E+00	0.00000E+00
55	0.00000E+00	0.00000E+00	7.03369E-01	0.00000E+00	0.00000E+00	0.00000E+00
56	0.00000E+00	0.00000E+00	1.25043E+00	0.00000E+00	0.00000E+00	0.00000E+00
57	0.00000E+00	0.00000E+00	1.85068E+00	0.00000E+00	0.00000E+00	0.00000E+00
58	0.00000E+00	0.00000E+00	1.85068E+00	0.00000E+00	0.00000E+00	0.00000E+00
59	0.00000E+00	0.00000E+00	1.85068E+00	0.00000E+00	0.00000E+00	0.00000E+00
60	0.00000E+00	0.00000E+00	1.25043E+00	0.00000E+00	0.00000E+00	0.00000E+00
61	0.00000E+00	0.00000E+00	1.95380E+00	0.00000E+00	0.00000E+00	0.00000E+00
62	0.00000E+00	0.00000E+00	2.89168E+00	0.00000E+00	0.00000E+00	0.00000E+00
63	0.00000E+00	0.00000E+00	2.89168E+00	0.00000E+00	0.00000E+00	0.00000E+00
64	0.00000E+00	0.00000E+00	2.89168E+00	0.00000E+00	0.00000E+00	0.00000E+00
65	0.00000E+00	0.00000E+00	1.95380E+00	0.00000E+00	0.00000E+00	0.00000E+00
66	0.00000E+00	0.00000E+00	2.40486E+00	0.00000E+00	0.00000E+00	0.00000E+00
67	0.00000E+00	0.00000E+00	3.75541E+00	0.00000E+00	0.00000E+00	0.00000E+00
68	0.00000E+00	0.00000E+00	3.75541E+00	0.00000E+00	0.00000E+00	0.00000E+00
69	0.00000E+00	0.00000E+00	3.75541E+00	0.00000E+00	0.00000E+00	0.00000E+00
70	0.00000E+00	0.00000E+00	2.40486E+00	0.00000E+00	0.00000E+00	0.00000E+00
76	0.00000E+00	0.00000E+00	7.81521E-02	0.00000E+00	0.00000E+00	0.00000E+00
77	0.00000E+00	0.00000E+00	1.15667E-01	0.00000E+00	0.00000E+00	0.00000E+00
78	0.00000E+00	0.00000E+00	1.15667E-01	0.00000E+00	0.00000E+00	0.00000E+00
79	0.00000E+00	0.00000E+00	1.15667E-01	0.00000E+00	0.00000E+00	0.00000E+00
80	0.00000E+00	0.00000E+00	7.81521E-02	0.00000E+00	0.00000E+00	0.00000E+00
81	0.00000E+00	0.00000E+00	3.12609E-01	0.00000E+00	0.00000E+00	0.00000E+00
82	0.00000E+00	0.00000E+00	4.62669E-01	0.00000E+00	0.00000E+00	0.00000E+00
83	0.00000E+00	0.00000E+00	4.62669E-01	0.00000E+00	0.00000E+00	0.00000E+00
84	0.00000E+00	0.00000E+00	4.62669E-01	0.00000E+00	0.00000E+00	0.00000E+00
85	0.00000E+00	0.00000E+00	3.12608E-01	0.00000E+00	0.00000E+00	0.00000E+00
86	0.00000E+00	0.00000E+00	7.03369E-01	0.00000E+00	0.00000E+00	0.00000E+00
87	0.00000E+00	0.00000E+00	1.04101E+00	0.00000E+00	0.00000E+00	0.00000E+00
88	0.00000E+00	0.00000E+00	1.04101E+00	0.00000E+00	0.00000E+00	0.00000E+00
89	0.00000E+00	0.00000E+00	1.04101E+00	0.00000E+00	0.00000E+00	0.00000E+00
90	0.00000E+00	0.00000E+00	7.03369E-01	0.00000E+00	0.00000E+00	0.00000E+00
91	0.00000E+00	0.00000E+00	1.25043E+00	0.00000E+00	0.00000E+00	0.00000E+00
92	0.00000E+00	0.00000E+00	1.85068E+00	0.00000E+00	0.00000E+00	0.00000E+00

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## APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
93	0.00000E+00	0.00000E+00	1.85068E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0.00000E+00	0.00000E+00	1.85068E+00	0.00000E+00	0.00000E+00	0.00000E+00
95	0.00000E+00	0.00000E+00	1.25043E+00	0.00000E+00	0.00000E+00	0.00000E+00
96	0.00000E+00	0.00000E+00	1.95380E+00	0.00000E+00	0.00000E+00	0.00000E+00
97	0.00000E+00	0.00000E+00	2.89168E+00	0.00000E+00	0.00000E+00	0.00000E+00
98	0.00000E+00	0.00000E+00	2.89168E+00	0.00000E+00	0.00000E+00	0.00000E+00
99	0.00000E+00	0.00000E+00	2.89168E+00	0.00000E+00	0.00000E+00	0.00000E+00
100	0.00000E+00	0.00000E+00	1.95380E+00	0.00000E+00	0.00000E+00	0.00000E+00
101	0.00000E+00	0.00000E+00	2.40486E+00	0.00000E+00	0.00000E+00	0.00000E+00
102	0.00000E+00	0.00000E+00	3.75541E+00	0.00000E+00	0.00000E+00	0.00000E+00
103	0.00000E+00	0.00000E+00	3.75541E+00	0.00000E+00	0.00000E+00	0.00000E+00
104	0.00000E+00	0.00000E+00	3.75541E+00	0.00000E+00	0.00000E+00	0.00000E+00
105	0.00000E+00	0.00000E+00	2.40486E+00	0.00000E+00	0.00000E+00	0.00000E+00
111	0.00000E+00	0.00000E+00	7.81521E-02	0.00000E+00	0.00000E+00	0.00000E+00
112	0.00000E+00	0.00000E+00	1.15667E-01	0.00000E+00	0.00000E+00	0.00000E+00
113	0.00000E+00	0.00000E+00	1.15667E-01	0.00000E+00	0.00000E+00	0.00000E+00
114	0.00000E+00	0.00000E+00	1.15667E-01	0.00000E+00	0.00000E+00	0.00000E+00
115	0.00000E+00	0.00000E+00	7.81521E-02	0.00000E+00	0.00000E+00	0.00000E+00
116	0.00000E+00	0.00000E+00	3.12609E-01	0.00000E+00	0.00000E+00	0.00000E+00
117	0.00000E+00	0.00000E+00	4.62669E-01	0.00000E+00	0.00000E+00	0.00000E+00
118	0.00000E+00	0.00000E+00	4.62669E-01	0.00000E+00	0.00000E+00	0.00000E+00
119	0.00000E+00	0.00000E+00	4.62669E-01	0.00000E+00	0.00000E+00	0.00000E+00
120	0.00000E+00	0.00000E+00	3.12608E-01	0.00000E+00	0.00000E+00	0.00000E+00
121	0.00000E+00	0.00000E+00	7.03369E-01	0.00000E+00	0.00000E+00	0.00000E+00
122	0.00000E+00	0.00000E+00	1.04101E+00	0.00000E+00	0.00000E+00	0.00000E+00
123	0.00000E+00	0.00000E+00	1.04101E+00	0.00000E+00	0.00000E+00	0.00000E+00
124	0.00000E+00	0.00000E+00	1.04101E+00	0.00000E+00	0.00000E+00	0.00000E+00
125	0.00000E+00	0.00000E+00	7.03369E-01	0.00000E+00	0.00000E+00	0.00000E+00
126	0.00000E+00	0.00000E+00	1.25043E+00	0.00000E+00	0.00000E+00	0.00000E+00
127	0.00000E+00	0.00000E+00	1.85068E+00	0.00000E+00	0.00000E+00	0.00000E+00
128	0.00000E+00	0.00000E+00	1.85068E+00	0.00000E+00	0.00000E+00	0.00000E+00
129	0.00000E+00	0.00000E+00	1.85068E+00	0.00000E+00	0.00000E+00	0.00000E+00
130	0.00000E+00	0.00000E+00	1.25043E+00	0.00000E+00	0.00000E+00	0.00000E+00
131	0.00000E+00	0.00000E+00	1.95380E+00	0.00000E+00	0.00000E+00	0.00000E+00
132	0.00000E+00	0.00000E+00	2.89168E+00	0.00000E+00	0.00000E+00	0.00000E+00
133	0.00000E+00	0.00000E+00	2.89168E+00	0.00000E+00	0.00000E+00	0.00000E+00
134	0.00000E+00	0.00000E+00	2.89168E+00	0.00000E+00	0.00000E+00	0.00000E+00
135	0.00000E+00	0.00000E+00	1.95380E+00	0.00000E+00	0.00000E+00	0.00000E+00
136	0.00000E+00	0.00000E+00	2.40486E+00	0.00000E+00	0.00000E+00	0.00000E+00
137	0.00000E+00	0.00000E+00	3.75541E+00	0.00000E+00	0.00000E+00	0.00000E+00
138	0.00000E+00	0.00000E+00	3.75541E+00	0.00000E+00	0.00000E+00	0.00000E+00
139	0.00000E+00	0.00000E+00	3.75541E+00	0.00000E+00	0.00000E+00	0.00000E+00
140	0.00000E+00	0.00000E+00	2.40486E+00	0.00000E+00	0.00000E+00	0.00000E+00
146	0.00000E+00	0.00000E+00	5.49105E-02	0.00000E+00	0.00000E+00	0.00000E+00
147	0.00000E+00	0.00000E+00	7.81521E-02	0.00000E+00	0.00000E+00	0.00000E+00
148	0.00000E+00	0.00000E+00	7.81521E-02	0.00000E+00	0.00000E+00	0.00000E+00
149	0.00000E+00	0.00000E+00	7.81521E-02	0.00000E+00	0.00000E+00	0.00000E+00
150	0.00000E+00	0.00000E+00	5.49105E-02	0.00000E+00	0.00000E+00	0.00000E+00
151	0.00000E+00	0.00000E+00	2.19642E-01	0.00000E+00	0.00000E+00	0.00000E+00
152	0.00000E+00	0.00000E+00	3.12609E-01	0.00000E+00	0.00000E+00	0.00000E+00
153	0.00000E+00	0.00000E+00	3.12609E-01	0.00000E+00	0.00000E+00	0.00000E+00
154	0.00000E+00	0.00000E+00	3.12609E-01	0.00000E+00	0.00000E+00	0.00000E+00
155	0.00000E+00	0.00000E+00	2.19642E-01	0.00000E+00	0.00000E+00	0.00000E+00

STAAD SPACE

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## APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
156	0.00000E+00	0.00000E+00	4.94194E-01	0.00000E+00	0.00000E+00	0.00000E+00
157	0.00000E+00	0.00000E+00	7.03369E-01	0.00000E+00	0.00000E+00	0.00000E+00
158	0.00000E+00	0.00000E+00	7.03369E-01	0.00000E+00	0.00000E+00	0.00000E+00
159	0.00000E+00	0.00000E+00	7.03369E-01	0.00000E+00	0.00000E+00	0.00000E+00
160	0.00000E+00	0.00000E+00	4.94194E-01	0.00000E+00	0.00000E+00	0.00000E+00
161	0.00000E+00	0.00000E+00	8.78568E-01	0.00000E+00	0.00000E+00	0.00000E+00
162	0.00000E+00	0.00000E+00	1.25043E+00	0.00000E+00	0.00000E+00	0.00000E+00
163	0.00000E+00	0.00000E+00	1.25043E+00	0.00000E+00	0.00000E+00	0.00000E+00
164	0.00000E+00	0.00000E+00	1.25043E+00	0.00000E+00	0.00000E+00	0.00000E+00
165	0.00000E+00	0.00000E+00	8.78568E-01	0.00000E+00	0.00000E+00	0.00000E+00
166	0.00000E+00	0.00000E+00	1.37276E+00	0.00000E+00	0.00000E+00	0.00000E+00
167	0.00000E+00	0.00000E+00	1.95380E+00	0.00000E+00	0.00000E+00	0.00000E+00
168	0.00000E+00	0.00000E+00	1.95380E+00	0.00000E+00	0.00000E+00	0.00000E+00
169	0.00000E+00	0.00000E+00	1.95380E+00	0.00000E+00	0.00000E+00	0.00000E+00
170	0.00000E+00	0.00000E+00	1.37276E+00	0.00000E+00	0.00000E+00	0.00000E+00
171	0.00000E+00	0.00000E+00	1.56817E+00	0.00000E+00	0.00000E+00	0.00000E+00
172	0.00000E+00	0.00000E+00	2.40486E+00	0.00000E+00	0.00000E+00	0.00000E+00
173	0.00000E+00	0.00000E+00	2.40486E+00	0.00000E+00	0.00000E+00	0.00000E+00
174	0.00000E+00	0.00000E+00	2.40486E+00	0.00000E+00	0.00000E+00	0.00000E+00
175	0.00000E+00	0.00000E+00	1.56817E+00	0.00000E+00	0.00000E+00	0.00000E+00

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 2  
LOADTYPE SEISMIC TITLE SL Z

CENTER OF FORCE BASED ON Z FORCES ONLY (METE).  
(FORCES IN NON-GLOBAL DIRECTIONS WILL INVALIDATE RESULTS)

X = 0.599999991E+01  
Y = 0.143522019E+02  
Z = 0.600000002E+01

\*\*\*TOTAL APPLIED LOAD ( KN METE ) SUMMARY (LOADING 2 )  
SUMMATION FORCE-X = 0.00  
SUMMATION FORCE-Y = 0.00  
SUMMATION FORCE-Z = 189.85

SUMMATION OF MOMENTS AROUND THE ORIGIN-  
MX= 2724.70 MY= -1139.07 MZ= 0.00

\*\*\*TOTAL REACTION LOAD( KN METE ) SUMMARY (LOADING 2 )  
SUMMATION FORCE-X = 0.00  
SUMMATION FORCE-Y = 0.00  
SUMMATION FORCE-Z = -189.85

SUMMATION OF MOMENTS AROUND THE ORIGIN-  
MX= -2724.70 MY= 1139.07 MZ= 0.00

STAAD SPACE

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## MAXIMUM DISPLACEMENTS ( CM /RADIANS) (LOADING 2)

	MAXIMUMS	AT NODE
X =	1.06321E-04	175
Y =	-7.78392E-03	173
Z =	3.39656E-01	173
RX=	1.92381E-04	13
RY=	9.52112E-06	174
RZ=	-1.79004E-07	172

## EXTERNAL AND INTERNAL JOINT LOAD SUMMARY ( KN METE )-

JT	EXT FX/ INT FX	EXT FY/ INT FY	EXT FZ/ INT FZ	EXT MX/ INT MX	EXT MY/ INT MY	EXT MZ/ INT MZ	
							SUPPORT=1
1	0.00 0.00	0.00 38.73	0.00 6.34	0.00 13.80	0.00 -0.01	0.00 0.00	111111
2	0.00 0.00	0.00 39.21	0.00 6.38	0.00 13.88	0.00 -0.01	0.00 0.00	111111
3	0.00 0.00	0.00 39.44	0.00 6.39	0.00 13.92	0.00 0.00	0.00 0.00	111111
4	0.00 0.00	0.00 39.21	0.00 6.38	0.00 13.88	0.00 0.01	0.00 0.00	111111
5	0.00 0.00	0.00 38.73	0.00 6.34	0.00 13.80	0.00 0.01	0.00 0.00	111111
36	0.00 0.00	0.00 0.14	0.00 8.40	0.00 15.82	0.00 -0.01	0.00 0.00	111111
37	0.00 0.00	0.00 0.15	0.00 8.45	0.00 15.91	0.00 -0.01	0.00 0.00	111111
38	0.00 0.00	0.00 0.15	0.00 8.48	0.00 15.96	0.00 0.00	0.00 0.00	111111
39	0.00 0.00	0.00 0.15	0.00 8.45	0.00 15.91	0.00 0.01	0.00 0.00	111111
40	0.00 0.00	0.00 0.14	0.00 8.40	0.00 15.82	0.00 0.01	0.00 0.00	111111
71	0.00 0.00	0.00 0.00	0.00 8.33	0.00 15.75	0.00 -0.01	0.00 0.00	111111
72	0.00 0.00	0.00 0.00	0.00 8.38	0.00 15.84	0.00 -0.01	0.00 0.00	111111
73	0.00 0.00	0.00 0.00	0.00 8.40	0.00 15.89	0.00 0.00	0.00 0.00	111111
74	0.00 0.00	0.00 0.00	0.00 8.38	0.00 15.84	0.00 0.01	0.00 0.00	111111
75	0.00 0.00	0.00 0.00	0.00 8.33	0.00 15.75	0.00 0.01	0.00 0.00	111111
106	0.00 0.00	0.00 -0.14	0.00 8.40	0.00 15.82	0.00 -0.01	0.00 0.00	111111

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107	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	-0.15	8.45	15.91	-0.01	0.00	111111
108	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	-0.15	8.48	15.96	0.00	0.00	111111
109	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	-0.15	8.45	15.91	0.01	0.00	111111
110	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	-0.14	8.40	15.82	0.01	0.00	111111

STAAD SPACE

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141	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	-38.73	6.34	13.80	-0.01	0.00 111111
142	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	-39.21	6.38	13.88	-0.01	0.00 111111
143	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	-39.44	6.39	13.92	0.00	0.00 111111
144	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	-39.21	6.38	13.88	0.01	0.00 111111
145	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	-38.73	6.34	13.80	0.01	0.00 111111

FOR LOADING - 3

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
1	4.45491E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
6	8.90982E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
11	9.33739E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
16	9.85416E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
21	1.02635E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
26	1.06073E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
31	5.41386E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
36	8.90982E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
41	1.78196E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
46	1.86748E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
51	1.97083E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
56	2.05270E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
61	2.12146E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
66	1.08277E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
71	8.90982E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
76	1.78196E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
81	1.86748E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
86	1.97083E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
91	2.05270E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
96	2.12146E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
101	1.08277E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
106	8.90982E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
111	1.78196E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
116	1.86748E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
121	1.97083E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
126	2.05270E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
131	2.12146E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
136	1.08277E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
141	4.45491E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
146	8.90982E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
151	9.33739E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
156	9.85416E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
161	1.02635E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
166	1.06073E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
171	5.41386E-01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 3  
LOADTYPE WIND TITLE WL X

STAAD SPACE

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CENTER OF FORCE BASED ON X FORCES ONLY (METE).  
 (FORCES IN NON-GLOBAL DIRECTIONS WILL INVALIDATE RESULTS)

X = 0.000000000E+00  
 Y = 0.936698571E+01  
 Z = 0.599999997E+01

\*\*\*TOTAL APPLIED LOAD ( KN METE ) SUMMARY (LOADING 3 )

SUMMATION FORCE-X = 47.07  
 SUMMATION FORCE-Y = 0.00  
 SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= 0.00 MY= 282.44 MZ= -440.93

\*\*\*TOTAL REACTION LOAD( KN METE ) SUMMARY (LOADING 3 )

SUMMATION FORCE-X = -47.07  
 SUMMATION FORCE-Y = 0.00  
 SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= 0.00 MY= -282.44 MZ= 440.93

MAXIMUM DISPLACEMENTS ( CM /RADIANS) (LOADING 3)

MAXIMUMS AT NODE

X = 5.31128E-02 101  
 Y = -1.00875E-03 35  
 Z = -2.33509E-05 161  
 RX= -2.61333E-08 146  
 RY= -2.11809E-06 161  
 RZ= -3.71675E-05 76

EXTERNAL AND INTERNAL JOINT LOAD SUMMARY ( KN METE )-

JT	EXT FX/ INT FX	EXT FY/ INT FY	EXT FZ/ INT FZ	EXT MX/ INT MX	EXT MY/ INT MY	EXT MZ/ INT MZ	
							SUPPORT=1
1	0.45 1.44	0.00 5.93	0.00 0.00	0.00 0.00	0.00 0.02	0.00 -3.03	111111
2	0.00 1.85	0.00 -0.05	0.00 0.00	0.00 0.00	0.00 0.01	0.00 -3.42	111111
3	0.00 1.82	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.01	0.00 -3.38	111111
4	0.00 1.83	0.00 0.05	0.00 0.00	0.00 0.00	0.00 0.01	0.00 -3.39	111111
5	0.00 1.41	0.00 -5.93	0.00 0.00	0.00 0.00	0.00 0.01	0.00 -2.97	111111
36	0.89 1.55	0.00 6.00	0.00 0.00	0.00 0.00	0.00 0.02	0.00 -3.24	111111
37	0.00 1.97	0.00 -0.06	0.00 0.00	0.00 0.00	0.00 0.01	0.00 -3.63	111111

STAAD SPACE

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38	0.00	0.00	0.00	0.00	0.00	0.00	
	1.93	0.00	0.00	0.00	0.01	-3.57	111111
39	0.00	0.00	0.00	0.00	0.00	0.00	
	1.94	0.05	0.00	0.00	0.01	-3.57	111111
40	0.00	0.00	0.00	0.00	0.00	0.00	
	1.49	-5.99	0.00	0.00	0.01	-3.13	111111
71	0.89	0.00	0.00	0.00	0.00	0.00	
	1.59	6.03	0.00	0.00	0.00	-3.30	111111
72	0.00	0.00	0.00	0.00	0.00	0.00	
	2.01	-0.06	0.00	0.00	0.00	-3.69	111111
73	0.00	0.00	0.00	0.00	0.00	0.00	
	1.96	0.00	0.00	0.00	0.00	-3.63	111111
74	0.00	0.00	0.00	0.00	0.00	0.00	
	1.97	0.05	0.00	0.00	0.00	-3.63	111111
75	0.00	0.00	0.00	0.00	0.00	0.00	
	1.52	-6.02	0.00	0.00	0.00	-3.19	111111
106	0.89	0.00	0.00	0.00	0.00	0.00	
	1.55	6.00	0.00	0.00	-0.02	-3.24	111111
107	0.00	0.00	0.00	0.00	0.00	0.00	
	1.97	-0.06	0.00	0.00	-0.01	-3.63	111111
108	0.00	0.00	0.00	0.00	0.00	0.00	
	1.93	0.00	0.00	0.00	-0.01	-3.57	111111
109	0.00	0.00	0.00	0.00	0.00	0.00	
	1.94	0.05	0.00	0.00	-0.01	-3.57	111111
110	0.00	0.00	0.00	0.00	0.00	0.00	
	1.49	-5.99	0.00	0.00	-0.01	-3.13	111111
141	0.45	0.00	0.00	0.00	0.00	0.00	
	1.44	5.93	0.00	0.00	-0.02	-3.03	111111
142	0.00	0.00	0.00	0.00	0.00	0.00	
	1.85	-0.05	0.00	0.00	-0.01	-3.42	111111
143	0.00	0.00	0.00	0.00	0.00	0.00	
	1.82	0.00	0.00	0.00	-0.01	-3.38	111111
144	0.00	0.00	0.00	0.00	0.00	0.00	
	1.83	0.05	0.00	0.00	-0.01	-3.39	111111
145	0.00	0.00	0.00	0.00	0.00	0.00	
	1.41	-5.93	0.00	0.00	-0.01	-2.97	111111

FOR LOADING - 4

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
1	0.00000E+00	0.00000E+00	4.45491E-01	0.00000E+00	0.00000E+00	0.00000E+00
2	0.00000E+00	0.00000E+00	8.90982E-01	0.00000E+00	0.00000E+00	0.00000E+00
3	0.00000E+00	0.00000E+00	8.90982E-01	0.00000E+00	0.00000E+00	0.00000E+00
4	0.00000E+00	0.00000E+00	8.90982E-01	0.00000E+00	0.00000E+00	0.00000E+00
5	0.00000E+00	0.00000E+00	4.45491E-01	0.00000E+00	0.00000E+00	0.00000E+00
6	0.00000E+00	0.00000E+00	8.90982E-01	0.00000E+00	0.00000E+00	0.00000E+00
7	0.00000E+00	0.00000E+00	1.78196E+00	0.00000E+00	0.00000E+00	0.00000E+00
8	0.00000E+00	0.00000E+00	1.78196E+00	0.00000E+00	0.00000E+00	0.00000E+00
9	0.00000E+00	0.00000E+00	1.78196E+00	0.00000E+00	0.00000E+00	0.00000E+00



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10	0.00000E+00	0.00000E+00	8.90982E-01	0.00000E+00	0.00000E+00	0.00000E+00
11	0.00000E+00	0.00000E+00	9.33739E-01	0.00000E+00	0.00000E+00	0.00000E+00
12	0.00000E+00	0.00000E+00	1.86748E+00	0.00000E+00	0.00000E+00	0.00000E+00
13	0.00000E+00	0.00000E+00	1.86748E+00	0.00000E+00	0.00000E+00	0.00000E+00
14	0.00000E+00	0.00000E+00	1.86748E+00	0.00000E+00	0.00000E+00	0.00000E+00
15	0.00000E+00	0.00000E+00	9.33739E-01	0.00000E+00	0.00000E+00	0.00000E+00
16	0.00000E+00	0.00000E+00	9.85416E-01	0.00000E+00	0.00000E+00	0.00000E+00

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## APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
17	0.00000E+00	0.00000E+00	1.97083E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0.00000E+00	0.00000E+00	1.97083E+00	0.00000E+00	0.00000E+00	0.00000E+00
19	0.00000E+00	0.00000E+00	1.97083E+00	0.00000E+00	0.00000E+00	0.00000E+00
20	0.00000E+00	0.00000E+00	9.85416E-01	0.00000E+00	0.00000E+00	0.00000E+00
21	0.00000E+00	0.00000E+00	1.02635E+00	0.00000E+00	0.00000E+00	0.00000E+00
22	0.00000E+00	0.00000E+00	2.05270E+00	0.00000E+00	0.00000E+00	0.00000E+00
23	0.00000E+00	0.00000E+00	2.05270E+00	0.00000E+00	0.00000E+00	0.00000E+00
24	0.00000E+00	0.00000E+00	2.05270E+00	0.00000E+00	0.00000E+00	0.00000E+00
25	0.00000E+00	0.00000E+00	1.02635E+00	0.00000E+00	0.00000E+00	0.00000E+00
26	0.00000E+00	0.00000E+00	1.06073E+00	0.00000E+00	0.00000E+00	0.00000E+00
27	0.00000E+00	0.00000E+00	2.12146E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0.00000E+00	0.00000E+00	2.12146E+00	0.00000E+00	0.00000E+00	0.00000E+00
29	0.00000E+00	0.00000E+00	2.12146E+00	0.00000E+00	0.00000E+00	0.00000E+00
30	0.00000E+00	0.00000E+00	1.06073E+00	0.00000E+00	0.00000E+00	0.00000E+00
31	0.00000E+00	0.00000E+00	5.41386E-01	0.00000E+00	0.00000E+00	0.00000E+00
32	0.00000E+00	0.00000E+00	1.08277E+00	0.00000E+00	0.00000E+00	0.00000E+00
33	0.00000E+00	0.00000E+00	1.08277E+00	0.00000E+00	0.00000E+00	0.00000E+00
34	0.00000E+00	0.00000E+00	1.08277E+00	0.00000E+00	0.00000E+00	0.00000E+00
35	0.00000E+00	0.00000E+00	5.41386E-01	0.00000E+00	0.00000E+00	0.00000E+00

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 4  
LOADTYPE WIND TITLE WL Z

CENTER OF FORCE BASED ON Z FORCES ONLY (METE).  
(FORCES IN NON-GLOBAL DIRECTIONS WILL INVALIDATE RESULTS)

X = 0.599999997E+01  
Y = 0.936698571E+01  
Z = 0.000000000E+00

\*\*\*TOTAL APPLIED LOAD ( KN METE ) SUMMARY (LOADING 4 )  
SUMMATION FORCE-X = 0.00  
SUMMATION FORCE-Y = 0.00  
SUMMATION FORCE-Z = 47.07

SUMMATION OF MOMENTS AROUND THE ORIGIN-  
MX= 440.93 MY= -282.44 MZ= 0.00

\*\*\*TOTAL REACTION LOAD( KN METE ) SUMMARY (LOADING 4 )  
SUMMATION FORCE-X = 0.00  
SUMMATION FORCE-Y = 0.00  
SUMMATION FORCE-Z = -47.07

SUMMATION OF MOMENTS AROUND THE ORIGIN-  
MX= -440.93 MY= 282.44 MZ= 0.00

STAAD SPACE

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MAXIMUM DISPLACEMENTS ( CM /RADIANS) (LOADING 4)  
 MAXIMUMS AT NODE  
 X = -2.33509E-05 25  
 Y = -1.00875E-03 171  
 Z = 5.31128E-02 33  
 RX= 3.71675E-05 8  
 RY= 2.11809E-06 25  
 RZ= 2.61333E-08 10

## EXTERNAL AND INTERNAL JOINT LOAD SUMMARY ( KN METE )-

JT	EXT FX/ INT FX	EXT FY/ INT FY	EXT FZ/ INT FZ	EXT MX/ INT MX	EXT MY/ INT MY	EXT MZ/ INT MZ	
							SUPPORT=1
1	0.00 0.00	0.00 5.93	0.45 1.44	0.00 3.03	0.00 -0.02	0.00 0.00	111111
2	0.00 0.00	0.00 6.00	0.89 1.55	0.00 3.24	0.00 -0.02	0.00 0.00	111111
3	0.00 0.00	0.00 6.03	0.89 1.59	0.00 3.30	0.00 0.00	0.00 0.00	111111
4	0.00 0.00	0.00 6.00	0.89 1.55	0.00 3.24	0.00 0.02	0.00 0.00	111111
5	0.00 0.00	0.00 5.93	0.45 1.44	0.00 3.03	0.00 0.02	0.00 0.00	111111
36	0.00 0.00	0.00 -0.05	0.00 1.85	0.00 3.42	0.00 -0.01	0.00 0.00	111111
37	0.00 0.00	0.00 -0.06	0.00 1.97	0.00 3.63	0.00 -0.01	0.00 0.00	111111
38	0.00 0.00	0.00 -0.06	0.00 2.01	0.00 3.69	0.00 0.00	0.00 0.00	111111
39	0.00 0.00	0.00 -0.06	0.00 1.97	0.00 3.63	0.00 0.01	0.00 0.00	111111
40	0.00 0.00	0.00 -0.05	0.00 1.85	0.00 3.42	0.00 0.01	0.00 0.00	111111
71	0.00 0.00	0.00 0.00	0.00 1.82	0.00 3.38	0.00 -0.01	0.00 0.00	111111
72	0.00 0.00	0.00 0.00	0.00 1.93	0.00 3.57	0.00 -0.01	0.00 0.00	111111
73	0.00 0.00	0.00 0.00	0.00 1.96	0.00 3.63	0.00 0.00	0.00 0.00	111111
74	0.00 0.00	0.00 0.00	0.00 1.93	0.00 3.57	0.00 0.01	0.00 0.00	111111
75	0.00 0.00	0.00 0.00	0.00 1.82	0.00 3.38	0.00 0.01	0.00 0.00	111111
106	0.00 0.00	0.00 0.05	0.00 1.83	0.00 3.39	0.00 -0.01	0.00 0.00	111111

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107	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	0.05	1.94	3.57	-0.01	0.00	111111
108	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	0.05	1.97	3.63	0.00	0.00	111111
109	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	0.05	1.94	3.57	0.01	0.00	111111
110	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	0.05	1.83	3.39	0.01	0.00	111111

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141	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	-5.93	1.41	2.97	-0.01	0.00	111111
142	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	-5.99	1.49	3.13	-0.01	0.00	111111
143	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	-6.02	1.52	3.19	0.00	0.00	111111
144	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	-5.99	1.49	3.13	0.01	0.00	111111
145	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	-5.93	1.41	2.97	0.01	0.00	111111

FOR LOADING - 7

APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
1	0.00000E+00	-2.96568E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0.00000E+00	-2.96568E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
3	0.00000E+00	-2.96568E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
4	0.00000E+00	-2.96568E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
5	0.00000E+00	-2.96568E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
6	0.00000E+00	-1.24623E+02	0.00000E+00	1.68942E+01	0.00000E+00	-1.68942E+01
7	0.00000E+00	-1.61778E+02	0.00000E+00	1.97111E+01	0.00000E+00	0.00000E+00
8	0.00000E+00	-1.61778E+02	0.00000E+00	1.97111E+01	0.00000E+00	-1.72401E-06
9	0.00000E+00	-1.61778E+02	0.00000E+00	1.97111E+01	0.00000E+00	5.17204E-06
10	0.00000E+00	-1.24623E+02	0.00000E+00	1.68942E+01	0.00000E+00	1.68942E+01
11	0.00000E+00	-1.24623E+02	0.00000E+00	1.68942E+01	0.00000E+00	-1.68942E+01
12	0.00000E+00	-1.61778E+02	0.00000E+00	1.97111E+01	0.00000E+00	0.00000E+00
13	0.00000E+00	-1.61778E+02	0.00000E+00	1.97111E+01	0.00000E+00	-1.72401E-06
14	0.00000E+00	-1.61778E+02	0.00000E+00	1.97111E+01	0.00000E+00	5.17204E-06
15	0.00000E+00	-1.24623E+02	0.00000E+00	1.68942E+01	0.00000E+00	1.68942E+01
16	0.00000E+00	-1.24623E+02	0.00000E+00	1.68942E+01	0.00000E+00	-1.68942E+01
17	0.00000E+00	-1.61778E+02	0.00000E+00	1.97111E+01	0.00000E+00	0.00000E+00
18	0.00000E+00	-1.61778E+02	0.00000E+00	1.97111E+01	0.00000E+00	-1.72401E-06
19	0.00000E+00	-1.61778E+02	0.00000E+00	1.97111E+01	0.00000E+00	5.17204E-06
20	0.00000E+00	-1.24623E+02	0.00000E+00	1.68942E+01	0.00000E+00	1.68942E+01
21	0.00000E+00	-1.24623E+02	0.00000E+00	1.68942E+01	0.00000E+00	-1.68942E+01
22	0.00000E+00	-1.61778E+02	0.00000E+00	1.97111E+01	0.00000E+00	0.00000E+00
23	0.00000E+00	-1.61778E+02	0.00000E+00	1.97111E+01	0.00000E+00	-1.72401E-06
24	0.00000E+00	-1.61778E+02	0.00000E+00	1.97111E+01	0.00000E+00	5.17204E-06
25	0.00000E+00	-1.24623E+02	0.00000E+00	1.68942E+01	0.00000E+00	1.68942E+01
26	0.00000E+00	-1.24623E+02	0.00000E+00	1.68942E+01	0.00000E+00	-1.68942E+01
27	0.00000E+00	-1.61778E+02	0.00000E+00	1.97111E+01	0.00000E+00	0.00000E+00
28	0.00000E+00	-1.61778E+02	0.00000E+00	1.97111E+01	0.00000E+00	-1.72401E-06
29	0.00000E+00	-1.61778E+02	0.00000E+00	1.97111E+01	0.00000E+00	5.17204E-06
30	0.00000E+00	-1.24623E+02	0.00000E+00	1.68942E+01	0.00000E+00	1.68942E+01
31	0.00000E+00	-9.49664E+01	0.00000E+00	1.68942E+01	0.00000E+00	-1.68942E+01
32	0.00000E+00	-1.32121E+02	0.00000E+00	1.97111E+01	0.00000E+00	0.00000E+00
33	0.00000E+00	-1.32121E+02	0.00000E+00	1.97111E+01	0.00000E+00	-1.72401E-06
34	0.00000E+00	-1.32121E+02	0.00000E+00	1.97111E+01	0.00000E+00	5.17204E-06
35	0.00000E+00	-9.49664E+01	0.00000E+00	1.68942E+01	0.00000E+00	1.68942E+01
36	0.00000E+00	-2.96568E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
37	0.00000E+00	-2.96568E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
38	0.00000E+00	-2.96568E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
39	0.00000E+00	-2.96568E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
40	0.00000E+00	-2.96568E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
41	0.00000E+00	-1.61778E+02	0.00000E+00	0.00000E+00	0.00000E+00	-1.97111E+01
42	0.00000E+00	-2.07933E+02	0.00000E+00	1.72401E-06	0.00000E+00	-1.72401E-06

STAAD SPACE

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## APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
43	0.00000E+00	-2.07933E+02	0.00000E+00	1.72401E-06	0.00000E+00	-3.44802E-06
44	0.00000E+00	-2.07933E+02	0.00000E+00	1.72401E-06	0.00000E+00	3.44802E-06
45	0.00000E+00	-1.61778E+02	0.00000E+00	0.00000E+00	0.00000E+00	1.97111E+01
46	0.00000E+00	-1.61778E+02	0.00000E+00	0.00000E+00	0.00000E+00	-1.97111E+01
47	0.00000E+00	-2.07933E+02	0.00000E+00	1.72401E-06	0.00000E+00	-1.72401E-06
48	0.00000E+00	-2.07933E+02	0.00000E+00	1.72401E-06	0.00000E+00	-3.44802E-06
49	0.00000E+00	-2.07933E+02	0.00000E+00	1.72401E-06	0.00000E+00	3.44802E-06
50	0.00000E+00	-1.61778E+02	0.00000E+00	0.00000E+00	0.00000E+00	1.97111E+01
51	0.00000E+00	-1.61778E+02	0.00000E+00	0.00000E+00	0.00000E+00	-1.97111E+01
52	0.00000E+00	-2.07933E+02	0.00000E+00	1.72401E-06	0.00000E+00	-1.72401E-06
53	0.00000E+00	-2.07933E+02	0.00000E+00	1.72401E-06	0.00000E+00	-3.44802E-06
54	0.00000E+00	-2.07933E+02	0.00000E+00	1.72401E-06	0.00000E+00	3.44802E-06
55	0.00000E+00	-1.61778E+02	0.00000E+00	0.00000E+00	0.00000E+00	1.97111E+01
56	0.00000E+00	-1.61778E+02	0.00000E+00	0.00000E+00	0.00000E+00	-1.97111E+01
57	0.00000E+00	-2.07933E+02	0.00000E+00	1.72401E-06	0.00000E+00	-1.72401E-06
58	0.00000E+00	-2.07933E+02	0.00000E+00	1.72401E-06	0.00000E+00	-3.44802E-06
59	0.00000E+00	-2.07933E+02	0.00000E+00	1.72401E-06	0.00000E+00	3.44802E-06
60	0.00000E+00	-1.61778E+02	0.00000E+00	0.00000E+00	0.00000E+00	1.97111E+01
61	0.00000E+00	-1.61778E+02	0.00000E+00	0.00000E+00	0.00000E+00	-1.97111E+01
62	0.00000E+00	-2.07933E+02	0.00000E+00	1.72401E-06	0.00000E+00	-1.72401E-06
63	0.00000E+00	-2.07933E+02	0.00000E+00	1.72401E-06	0.00000E+00	-3.44802E-06
64	0.00000E+00	-2.07933E+02	0.00000E+00	1.72401E-06	0.00000E+00	3.44802E-06
65	0.00000E+00	-1.61778E+02	0.00000E+00	0.00000E+00	0.00000E+00	1.97111E+01
66	0.00000E+00	-1.32121E+02	0.00000E+00	0.00000E+00	0.00000E+00	-1.97111E+01
67	0.00000E+00	-1.78276E+02	0.00000E+00	1.72401E-06	0.00000E+00	-1.72401E-06
68	0.00000E+00	-1.78276E+02	0.00000E+00	1.72401E-06	0.00000E+00	-3.44802E-06
69	0.00000E+00	-1.78276E+02	0.00000E+00	1.72401E-06	0.00000E+00	3.44802E-06
70	0.00000E+00	-1.32121E+02	0.00000E+00	0.00000E+00	0.00000E+00	1.97111E+01
71	0.00000E+00	-2.96568E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
72	0.00000E+00	-2.96568E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
73	0.00000E+00	-2.96568E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
74	0.00000E+00	-2.96568E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
75	0.00000E+00	-2.96568E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
76	0.00000E+00	-1.61778E+02	0.00000E+00	1.72401E-06	0.00000E+00	-1.97111E+01
77	0.00000E+00	-2.07933E+02	0.00000E+00	3.44802E-06	0.00000E+00	-1.72401E-06
78	0.00000E+00	-2.07933E+02	0.00000E+00	3.44802E-06	0.00000E+00	-3.44802E-06
79	0.00000E+00	-2.07933E+02	0.00000E+00	3.44802E-06	0.00000E+00	3.44802E-06
80	0.00000E+00	-1.61778E+02	0.00000E+00	1.72401E-06	0.00000E+00	1.97111E+01
81	0.00000E+00	-1.61778E+02	0.00000E+00	1.72401E-06	0.00000E+00	-1.97111E+01
82	0.00000E+00	-2.07933E+02	0.00000E+00	3.44802E-06	0.00000E+00	-1.72401E-06
83	0.00000E+00	-2.07933E+02	0.00000E+00	3.44802E-06	0.00000E+00	-3.44802E-06
84	0.00000E+00	-2.07933E+02	0.00000E+00	3.44802E-06	0.00000E+00	3.44802E-06
85	0.00000E+00	-1.61778E+02	0.00000E+00	1.72401E-06	0.00000E+00	1.97111E+01
86	0.00000E+00	-1.61778E+02	0.00000E+00	1.72401E-06	0.00000E+00	-1.97111E+01
87	0.00000E+00	-2.07933E+02	0.00000E+00	3.44802E-06	0.00000E+00	-1.72401E-06
88	0.00000E+00	-2.07933E+02	0.00000E+00	3.44802E-06	0.00000E+00	-3.44802E-06
89	0.00000E+00	-2.07933E+02	0.00000E+00	3.44802E-06	0.00000E+00	3.44802E-06
90	0.00000E+00	-1.61778E+02	0.00000E+00	1.72401E-06	0.00000E+00	1.97111E+01
91	0.00000E+00	-1.61778E+02	0.00000E+00	1.72401E-06	0.00000E+00	-1.97111E+01
92	0.00000E+00	-2.07933E+02	0.00000E+00	3.44802E-06	0.00000E+00	-1.72401E-06
93	0.00000E+00	-2.07933E+02	0.00000E+00	3.44802E-06	0.00000E+00	-3.44802E-06
94	0.00000E+00	-2.07933E+02	0.00000E+00	3.44802E-06	0.00000E+00	3.44802E-06
95	0.00000E+00	-1.61778E+02	0.00000E+00	1.72401E-06	0.00000E+00	1.97111E+01

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## APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
96	0.00000E+00	-1.61778E+02	0.00000E+00	1.72401E-06	0.00000E+00	-1.97111E+01
97	0.00000E+00	-2.07933E+02	0.00000E+00	3.44802E-06	0.00000E+00	-1.72401E-06
98	0.00000E+00	-2.07933E+02	0.00000E+00	3.44802E-06	0.00000E+00	-3.44802E-06
99	0.00000E+00	-2.07933E+02	0.00000E+00	3.44802E-06	0.00000E+00	3.44802E-06
100	0.00000E+00	-1.61778E+02	0.00000E+00	1.72401E-06	0.00000E+00	1.97111E+01
101	0.00000E+00	-1.32121E+02	0.00000E+00	1.72401E-06	0.00000E+00	-1.97111E+01
102	0.00000E+00	-1.78276E+02	0.00000E+00	3.44802E-06	0.00000E+00	-1.72401E-06
103	0.00000E+00	-1.78276E+02	0.00000E+00	3.44802E-06	0.00000E+00	-3.44802E-06
104	0.00000E+00	-1.78276E+02	0.00000E+00	3.44802E-06	0.00000E+00	3.44802E-06
105	0.00000E+00	-1.32121E+02	0.00000E+00	1.72401E-06	0.00000E+00	1.97111E+01
106	0.00000E+00	-2.96568E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
107	0.00000E+00	-2.96568E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
108	0.00000E+00	-2.96568E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
109	0.00000E+00	-2.96568E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
110	0.00000E+00	-2.96568E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
111	0.00000E+00	-1.61778E+02	0.00000E+00	-5.17204E-06	0.00000E+00	-1.97111E+01
112	0.00000E+00	-2.07933E+02	0.00000E+00	-3.44802E-06	0.00000E+00	-1.72401E-06
113	0.00000E+00	-2.07933E+02	0.00000E+00	-3.44802E-06	0.00000E+00	-3.44802E-06
114	0.00000E+00	-2.07933E+02	0.00000E+00	-3.44802E-06	0.00000E+00	3.44802E-06
115	0.00000E+00	-1.61778E+02	0.00000E+00	-5.17204E-06	0.00000E+00	1.97111E+01
116	0.00000E+00	-1.61778E+02	0.00000E+00	-5.17204E-06	0.00000E+00	-1.97111E+01
117	0.00000E+00	-2.07933E+02	0.00000E+00	-3.44802E-06	0.00000E+00	-1.72401E-06
118	0.00000E+00	-2.07933E+02	0.00000E+00	-3.44802E-06	0.00000E+00	-3.44802E-06
119	0.00000E+00	-2.07933E+02	0.00000E+00	-3.44802E-06	0.00000E+00	3.44802E-06
120	0.00000E+00	-1.61778E+02	0.00000E+00	-5.17204E-06	0.00000E+00	1.97111E+01
121	0.00000E+00	-1.61778E+02	0.00000E+00	-5.17204E-06	0.00000E+00	-1.97111E+01
122	0.00000E+00	-2.07933E+02	0.00000E+00	-3.44802E-06	0.00000E+00	-1.72401E-06
123	0.00000E+00	-2.07933E+02	0.00000E+00	-3.44802E-06	0.00000E+00	-3.44802E-06
124	0.00000E+00	-2.07933E+02	0.00000E+00	-3.44802E-06	0.00000E+00	3.44802E-06
125	0.00000E+00	-1.61778E+02	0.00000E+00	-5.17204E-06	0.00000E+00	1.97111E+01
126	0.00000E+00	-1.61778E+02	0.00000E+00	-5.17204E-06	0.00000E+00	-1.97111E+01
127	0.00000E+00	-2.07933E+02	0.00000E+00	-3.44802E-06	0.00000E+00	-1.72401E-06
128	0.00000E+00	-2.07933E+02	0.00000E+00	-3.44802E-06	0.00000E+00	-3.44802E-06
129	0.00000E+00	-2.07933E+02	0.00000E+00	-3.44802E-06	0.00000E+00	3.44802E-06
130	0.00000E+00	-1.61778E+02	0.00000E+00	-5.17204E-06	0.00000E+00	1.97111E+01
131	0.00000E+00	-1.61778E+02	0.00000E+00	-5.17204E-06	0.00000E+00	-1.97111E+01
132	0.00000E+00	-2.07933E+02	0.00000E+00	-3.44802E-06	0.00000E+00	-1.72401E-06
133	0.00000E+00	-2.07933E+02	0.00000E+00	-3.44802E-06	0.00000E+00	-3.44802E-06
134	0.00000E+00	-2.07933E+02	0.00000E+00	-3.44802E-06	0.00000E+00	3.44802E-06
135	0.00000E+00	-1.61778E+02	0.00000E+00	-5.17204E-06	0.00000E+00	1.97111E+01
136	0.00000E+00	-1.32121E+02	0.00000E+00	-5.17204E-06	0.00000E+00	-1.97111E+01
137	0.00000E+00	-1.78276E+02	0.00000E+00	-3.44802E-06	0.00000E+00	-1.72401E-06
138	0.00000E+00	-1.78276E+02	0.00000E+00	-3.44802E-06	0.00000E+00	-3.44802E-06
139	0.00000E+00	-1.78276E+02	0.00000E+00	-3.44802E-06	0.00000E+00	3.44802E-06
140	0.00000E+00	-1.32121E+02	0.00000E+00	-5.17204E-06	0.00000E+00	1.97111E+01
141	0.00000E+00	-2.96568E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
142	0.00000E+00	-2.96568E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
143	0.00000E+00	-2.96568E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
144	0.00000E+00	-2.96568E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
145	0.00000E+00	-2.96568E+01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
146	0.00000E+00	-1.24623E+02	0.00000E+00	-1.68942E+01	0.00000E+00	-1.68942E+01
147	0.00000E+00	-1.61778E+02	0.00000E+00	-1.97111E+01	0.00000E+00	0.00000E+00
148	0.00000E+00	-1.61778E+02	0.00000E+00	-1.97111E+01	0.00000E+00	-1.72401E-06

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## APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
149	0.00000E+00	-1.61778E+02	0.00000E+00	-1.97111E+01	0.00000E+00	5.17204E-06
150	0.00000E+00	-1.24623E+02	0.00000E+00	-1.68942E+01	0.00000E+00	1.68942E+01
151	0.00000E+00	-1.24623E+02	0.00000E+00	-1.68942E+01	0.00000E+00	-1.68942E+01
152	0.00000E+00	-1.61778E+02	0.00000E+00	-1.97111E+01	0.00000E+00	0.00000E+00
153	0.00000E+00	-1.61778E+02	0.00000E+00	-1.97111E+01	0.00000E+00	-1.72401E-06
154	0.00000E+00	-1.61778E+02	0.00000E+00	-1.97111E+01	0.00000E+00	5.17204E-06
155	0.00000E+00	-1.24623E+02	0.00000E+00	-1.68942E+01	0.00000E+00	1.68942E+01
156	0.00000E+00	-1.24623E+02	0.00000E+00	-1.68942E+01	0.00000E+00	-1.68942E+01
157	0.00000E+00	-1.61778E+02	0.00000E+00	-1.97111E+01	0.00000E+00	0.00000E+00
158	0.00000E+00	-1.61778E+02	0.00000E+00	-1.97111E+01	0.00000E+00	-1.72401E-06
159	0.00000E+00	-1.61778E+02	0.00000E+00	-1.97111E+01	0.00000E+00	5.17204E-06
160	0.00000E+00	-1.24623E+02	0.00000E+00	-1.68942E+01	0.00000E+00	1.68942E+01
161	0.00000E+00	-1.24623E+02	0.00000E+00	-1.68942E+01	0.00000E+00	-1.68942E+01
162	0.00000E+00	-1.61778E+02	0.00000E+00	-1.97111E+01	0.00000E+00	0.00000E+00
163	0.00000E+00	-1.61778E+02	0.00000E+00	-1.97111E+01	0.00000E+00	-1.72401E-06
164	0.00000E+00	-1.61778E+02	0.00000E+00	-1.97111E+01	0.00000E+00	5.17204E-06
165	0.00000E+00	-1.24623E+02	0.00000E+00	-1.68942E+01	0.00000E+00	1.68942E+01
166	0.00000E+00	-1.24623E+02	0.00000E+00	-1.68942E+01	0.00000E+00	-1.68942E+01
167	0.00000E+00	-1.61778E+02	0.00000E+00	-1.97111E+01	0.00000E+00	0.00000E+00
168	0.00000E+00	-1.61778E+02	0.00000E+00	-1.97111E+01	0.00000E+00	-1.72401E-06
169	0.00000E+00	-1.61778E+02	0.00000E+00	-1.97111E+01	0.00000E+00	5.17204E-06
170	0.00000E+00	-1.24623E+02	0.00000E+00	-1.68942E+01	0.00000E+00	1.68942E+01
171	0.00000E+00	-9.49664E+01	0.00000E+00	-1.68942E+01	0.00000E+00	-1.68942E+01
172	0.00000E+00	-1.32121E+02	0.00000E+00	-1.97111E+01	0.00000E+00	0.00000E+00
173	0.00000E+00	-1.32121E+02	0.00000E+00	-1.97111E+01	0.00000E+00	-1.72401E-06
174	0.00000E+00	-1.32121E+02	0.00000E+00	-1.97111E+01	0.00000E+00	5.17204E-06
175	0.00000E+00	-9.49664E+01	0.00000E+00	-1.68942E+01	0.00000E+00	1.68942E+01

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 7  
LOADTYPE DEAD TITLE DL

CENTER OF FORCE BASED ON Y FORCES ONLY (METER).  
(FORCES IN NON-GLOBAL DIRECTIONS WILL INVALIDATE RESULTS)

X = 0.599999998E+01  
Y = 0.998407652E+01  
Z = 0.599999998E+01

\*\*\*TOTAL APPLIED LOAD ( KN METER ) SUMMARY (LOADING 7 )  
SUMMATION FORCE-X = 0.00  
SUMMATION FORCE-Y = -25867.35  
SUMMATION FORCE-Z = 0.00

SUMMATION OF MOMENTS AROUND THE ORIGIN-  
MX= 155204.08 MY= 0.00 MZ= -155204.08

\*\*\*TOTAL REACTION LOAD( KN METER ) SUMMARY (LOADING 7 )  
SUMMATION FORCE-X = 0.00  
SUMMATION FORCE-Y = 25867.35  
SUMMATION FORCE-Z = 0.00



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## SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= -155204.08 MY= 0.00 MZ= 155204.08

## MAXIMUM DISPLACEMENTS ( CM /RADIANS) (LOADING 7)

MAXIMUMS AT NODE

X = -2.47205E-03 105  
 Y = -2.85815E-01 103  
 Z = -2.47205E-03 173  
 RX= 2.05295E-04 33  
 RY= -2.68256E-07 136  
 RZ= -2.05295E-04 101

## EXTERNAL AND INTERNAL JOINT LOAD SUMMARY ( KN METE )-

JT	EXT FX/ INT FX	EXT FY/ INT FY	EXT FZ/ INT FZ	EXT MX/ INT MX	EXT MY/ INT MY	EXT MZ/ INT MZ	
							SUPPORT=1
1	0.00 -3.46	-29.66 -753.65	0.00 -3.46	0.00 -3.44	0.00 0.00	0.00 3.44	111111
2	0.00 -0.31	-29.66 -945.11	0.00 -4.01	0.00 -3.99	0.00 0.00	0.00 0.35	111111
3	0.00 0.00	-29.66 -962.91	0.00 -4.04	0.00 -4.02	0.00 0.00	0.00 0.00	111111
4	0.00 0.31	-29.66 -945.11	0.00 -4.01	0.00 -3.99	0.00 0.00	0.00 -0.35	111111
5	0.00 3.46	-29.66 -753.65	0.00 -3.46	0.00 -3.44	0.00 0.00	0.00 -3.44	111111
36	0.00 -4.01	-29.66 -945.11	0.00 -0.31	0.00 -0.35	0.00 0.00	0.00 3.99	111111
37	0.00 -0.38	-29.66 -1174.69	0.00 -0.38	0.00 -0.43	0.00 0.00	0.00 0.43	111111
38	0.00 0.00	-29.66 -1195.68	0.00 -0.39	0.00 -0.44	0.00 0.00	0.00 0.00	111111
39	0.00 0.38	-29.66 -1174.69	0.00 -0.38	0.00 -0.43	0.00 0.00	0.00 -0.43	111111
40	0.00 4.01	-29.66 -945.11	0.00 -0.31	0.00 -0.35	0.00 0.00	0.00 -3.99	111111
71	0.00 -4.04	-29.66 -962.91	0.00 0.00	0.00 0.00	0.00 0.00	0.00 4.02	111111
72	0.00 -0.39	-29.66 -1195.68	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.44	111111
73	0.00 0.00	-29.66 -1217.31	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	111111
74	0.00 0.39	-29.66 -1195.68	0.00 0.00	0.00 0.00	0.00 0.00	0.00 -0.44	111111
75	0.00 4.04	-29.66 -962.91	0.00 0.00	0.00 0.00	0.00 0.00	0.00 -4.02	111111

106	0.00	-29.66	0.00	0.00	0.00	0.00	
	-4.01	-945.11	0.31	0.35	0.00	3.99	111111
107	0.00	-29.66	0.00	0.00	0.00	0.00	
	-0.38	-1174.69	0.38	0.43	0.00	0.43	111111
108	0.00	-29.66	0.00	0.00	0.00	0.00	
	0.00	-1195.68	0.39	0.44	0.00	0.00	111111

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109	0.00	-29.66	0.00	0.00	0.00	0.00	
	0.38	-1174.69	0.38	0.43	0.00	-0.43	111111
110	0.00	-29.66	0.00	0.00	0.00	0.00	
	4.01	-945.11	0.31	0.35	0.00	-3.99	111111
141	0.00	-29.66	0.00	0.00	0.00	0.00	
	-3.46	-753.65	3.46	3.44	0.00	3.44	111111
142	0.00	-29.66	0.00	0.00	0.00	0.00	
	-0.31	-945.11	4.01	3.99	0.00	0.35	111111
143	0.00	-29.66	0.00	0.00	0.00	0.00	
	0.00	-962.91	4.04	4.02	0.00	0.00	111111
144	0.00	-29.66	0.00	0.00	0.00	0.00	
	0.31	-945.11	4.01	3.99	0.00	-0.35	111111
145	0.00	-29.66	0.00	0.00	0.00	0.00	
	3.46	-753.65	3.46	3.44	0.00	-3.44	111111

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APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
6	0.00000E+00	-9.00000E+00	0.00000E+00	2.81685E+00	0.00000E+00	-2.81685E+00
7	0.00000E+00	-1.80000E+01	0.00000E+00	5.63370E+00	0.00000E+00	-2.15501E-07
8	0.00000E+00	-1.80000E+01	0.00000E+00	5.63370E+00	0.00000E+00	-6.46504E-07
9	0.00000E+00	-1.80000E+01	0.00000E+00	5.63370E+00	0.00000E+00	1.29301E-06
10	0.00000E+00	-9.00000E+00	0.00000E+00	2.81685E+00	0.00000E+00	2.81685E+00
11	0.00000E+00	-9.00000E+00	0.00000E+00	2.81685E+00	0.00000E+00	-2.81685E+00
12	0.00000E+00	-1.80000E+01	0.00000E+00	5.63370E+00	0.00000E+00	-2.15501E-07
13	0.00000E+00	-1.80000E+01	0.00000E+00	5.63370E+00	0.00000E+00	-6.46504E-07
14	0.00000E+00	-1.80000E+01	0.00000E+00	5.63370E+00	0.00000E+00	1.29301E-06
15	0.00000E+00	-9.00000E+00	0.00000E+00	2.81685E+00	0.00000E+00	2.81685E+00
16	0.00000E+00	-9.00000E+00	0.00000E+00	2.81685E+00	0.00000E+00	-2.81685E+00
17	0.00000E+00	-1.80000E+01	0.00000E+00	5.63370E+00	0.00000E+00	-2.15501E-07
18	0.00000E+00	-1.80000E+01	0.00000E+00	5.63370E+00	0.00000E+00	-6.46504E-07
19	0.00000E+00	-1.80000E+01	0.00000E+00	5.63370E+00	0.00000E+00	1.29301E-06
20	0.00000E+00	-9.00000E+00	0.00000E+00	2.81685E+00	0.00000E+00	2.81685E+00
21	0.00000E+00	-9.00000E+00	0.00000E+00	2.81685E+00	0.00000E+00	-2.81685E+00
22	0.00000E+00	-1.80000E+01	0.00000E+00	5.63370E+00	0.00000E+00	-2.15501E-07
23	0.00000E+00	-1.80000E+01	0.00000E+00	5.63370E+00	0.00000E+00	-6.46504E-07
24	0.00000E+00	-1.80000E+01	0.00000E+00	5.63370E+00	0.00000E+00	1.29301E-06
25	0.00000E+00	-9.00000E+00	0.00000E+00	2.81685E+00	0.00000E+00	2.81685E+00
26	0.00000E+00	-9.00000E+00	0.00000E+00	2.81685E+00	0.00000E+00	-2.81685E+00
27	0.00000E+00	-1.80000E+01	0.00000E+00	5.63370E+00	0.00000E+00	-2.15501E-07
28	0.00000E+00	-1.80000E+01	0.00000E+00	5.63370E+00	0.00000E+00	-6.46504E-07
29	0.00000E+00	-1.80000E+01	0.00000E+00	5.63370E+00	0.00000E+00	1.29301E-06
30	0.00000E+00	-9.00000E+00	0.00000E+00	2.81685E+00	0.00000E+00	2.81685E+00
31	0.00000E+00	-9.00000E+00	0.00000E+00	2.81685E+00	0.00000E+00	-2.81685E+00
32	0.00000E+00	-1.80000E+01	0.00000E+00	5.63370E+00	0.00000E+00	-2.15501E-07
33	0.00000E+00	-1.80000E+01	0.00000E+00	5.63370E+00	0.00000E+00	-6.46504E-07
34	0.00000E+00	-1.80000E+01	0.00000E+00	5.63370E+00	0.00000E+00	1.29301E-06
35	0.00000E+00	-9.00000E+00	0.00000E+00	2.81685E+00	0.00000E+00	2.81685E+00
41	0.00000E+00	-1.80000E+01	0.00000E+00	2.15501E-07	0.00000E+00	-5.63370E+00
42	0.00000E+00	-3.60000E+01	0.00000E+00	-4.31003E-07	0.00000E+00	4.31003E-07
43	0.00000E+00	-3.60000E+01	0.00000E+00	-4.31003E-07	0.00000E+00	-8.62006E-07
44	0.00000E+00	-3.60000E+01	0.00000E+00	-4.31003E-07	0.00000E+00	2.58602E-06
45	0.00000E+00	-1.80000E+01	0.00000E+00	2.15501E-07	0.00000E+00	5.63370E+00
46	0.00000E+00	-1.80000E+01	0.00000E+00	2.15501E-07	0.00000E+00	-5.63370E+00
47	0.00000E+00	-3.60000E+01	0.00000E+00	-4.31003E-07	0.00000E+00	4.31003E-07
48	0.00000E+00	-3.60000E+01	0.00000E+00	-4.31003E-07	0.00000E+00	-8.62006E-07

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## APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
49	0.00000E+00	-3.60000E+01	0.00000E+00	-4.31003E-07	0.00000E+00	2.58602E-06
50	0.00000E+00	-1.80000E+01	0.00000E+00	2.15501E-07	0.00000E+00	5.63370E+00
51	0.00000E+00	-1.80000E+01	0.00000E+00	2.15501E-07	0.00000E+00	-5.63370E+00
52	0.00000E+00	-3.60000E+01	0.00000E+00	-4.31003E-07	0.00000E+00	4.31003E-07
53	0.00000E+00	-3.60000E+01	0.00000E+00	-4.31003E-07	0.00000E+00	-8.62006E-07
54	0.00000E+00	-3.60000E+01	0.00000E+00	-4.31003E-07	0.00000E+00	2.58602E-06
55	0.00000E+00	-1.80000E+01	0.00000E+00	2.15501E-07	0.00000E+00	5.63370E+00
56	0.00000E+00	-1.80000E+01	0.00000E+00	2.15501E-07	0.00000E+00	-5.63370E+00
57	0.00000E+00	-3.60000E+01	0.00000E+00	-4.31003E-07	0.00000E+00	4.31003E-07
58	0.00000E+00	-3.60000E+01	0.00000E+00	-4.31003E-07	0.00000E+00	-8.62006E-07
59	0.00000E+00	-3.60000E+01	0.00000E+00	-4.31003E-07	0.00000E+00	2.58602E-06
60	0.00000E+00	-1.80000E+01	0.00000E+00	2.15501E-07	0.00000E+00	5.63370E+00
61	0.00000E+00	-1.80000E+01	0.00000E+00	2.15501E-07	0.00000E+00	-5.63370E+00
62	0.00000E+00	-3.60000E+01	0.00000E+00	-4.31003E-07	0.00000E+00	4.31003E-07
63	0.00000E+00	-3.60000E+01	0.00000E+00	-4.31003E-07	0.00000E+00	-8.62006E-07
64	0.00000E+00	-3.60000E+01	0.00000E+00	-4.31003E-07	0.00000E+00	2.58602E-06
65	0.00000E+00	-1.80000E+01	0.00000E+00	2.15501E-07	0.00000E+00	5.63370E+00
66	0.00000E+00	-1.80000E+01	0.00000E+00	2.15501E-07	0.00000E+00	-5.63370E+00
67	0.00000E+00	-3.60000E+01	0.00000E+00	-4.31003E-07	0.00000E+00	4.31003E-07
68	0.00000E+00	-3.60000E+01	0.00000E+00	-4.31003E-07	0.00000E+00	-8.62006E-07
69	0.00000E+00	-3.60000E+01	0.00000E+00	-4.31003E-07	0.00000E+00	2.58602E-06
70	0.00000E+00	-1.80000E+01	0.00000E+00	2.15501E-07	0.00000E+00	5.63370E+00
76	0.00000E+00	-1.80000E+01	0.00000E+00	6.46504E-07	0.00000E+00	-5.63370E+00
77	0.00000E+00	-3.60000E+01	0.00000E+00	8.62006E-07	0.00000E+00	4.31003E-07
78	0.00000E+00	-3.60000E+01	0.00000E+00	8.62006E-07	0.00000E+00	-8.62006E-07
79	0.00000E+00	-3.60000E+01	0.00000E+00	8.62006E-07	0.00000E+00	2.58602E-06
80	0.00000E+00	-1.80000E+01	0.00000E+00	6.46504E-07	0.00000E+00	5.63370E+00
81	0.00000E+00	-1.80000E+01	0.00000E+00	6.46504E-07	0.00000E+00	-5.63370E+00
82	0.00000E+00	-3.60000E+01	0.00000E+00	8.62006E-07	0.00000E+00	4.31003E-07
83	0.00000E+00	-3.60000E+01	0.00000E+00	8.62006E-07	0.00000E+00	-8.62006E-07
84	0.00000E+00	-3.60000E+01	0.00000E+00	8.62006E-07	0.00000E+00	2.58602E-06
85	0.00000E+00	-1.80000E+01	0.00000E+00	6.46504E-07	0.00000E+00	5.63370E+00
86	0.00000E+00	-1.80000E+01	0.00000E+00	6.46504E-07	0.00000E+00	-5.63370E+00
87	0.00000E+00	-3.60000E+01	0.00000E+00	8.62006E-07	0.00000E+00	4.31003E-07
88	0.00000E+00	-3.60000E+01	0.00000E+00	8.62006E-07	0.00000E+00	-8.62006E-07
89	0.00000E+00	-3.60000E+01	0.00000E+00	8.62006E-07	0.00000E+00	2.58602E-06
90	0.00000E+00	-1.80000E+01	0.00000E+00	6.46504E-07	0.00000E+00	5.63370E+00
91	0.00000E+00	-1.80000E+01	0.00000E+00	6.46504E-07	0.00000E+00	-5.63370E+00
92	0.00000E+00	-3.60000E+01	0.00000E+00	8.62006E-07	0.00000E+00	4.31003E-07
93	0.00000E+00	-3.60000E+01	0.00000E+00	8.62006E-07	0.00000E+00	-8.62006E-07
94	0.00000E+00	-3.60000E+01	0.00000E+00	8.62006E-07	0.00000E+00	2.58602E-06
95	0.00000E+00	-1.80000E+01	0.00000E+00	6.46504E-07	0.00000E+00	5.63370E+00
96	0.00000E+00	-1.80000E+01	0.00000E+00	6.46504E-07	0.00000E+00	-5.63370E+00
97	0.00000E+00	-3.60000E+01	0.00000E+00	8.62006E-07	0.00000E+00	4.31003E-07
98	0.00000E+00	-3.60000E+01	0.00000E+00	8.62006E-07	0.00000E+00	-8.62006E-07
99	0.00000E+00	-3.60000E+01	0.00000E+00	8.62006E-07	0.00000E+00	2.58602E-06
100	0.00000E+00	-1.80000E+01	0.00000E+00	6.46504E-07	0.00000E+00	5.63370E+00
101	0.00000E+00	-1.80000E+01	0.00000E+00	6.46504E-07	0.00000E+00	-5.63370E+00
102	0.00000E+00	-3.60000E+01	0.00000E+00	8.62006E-07	0.00000E+00	4.31003E-07
103	0.00000E+00	-3.60000E+01	0.00000E+00	8.62006E-07	0.00000E+00	-8.62006E-07
104	0.00000E+00	-3.60000E+01	0.00000E+00	8.62006E-07	0.00000E+00	2.58602E-06
105	0.00000E+00	-1.80000E+01	0.00000E+00	6.46504E-07	0.00000E+00	5.63370E+00
111	0.00000E+00	-1.80000E+01	0.00000E+00	-1.29301E-06	0.00000E+00	-5.63370E+00

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## APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
112	0.00000E+00	-3.60000E+01	0.00000E+00	-2.58602E-06	0.00000E+00	4.31003E-07
113	0.00000E+00	-3.60000E+01	0.00000E+00	-2.58602E-06	0.00000E+00	-8.62006E-07
114	0.00000E+00	-3.60000E+01	0.00000E+00	-2.58602E-06	0.00000E+00	2.58602E-06
115	0.00000E+00	-1.80000E+01	0.00000E+00	-1.29301E-06	0.00000E+00	5.63370E+00
116	0.00000E+00	-1.80000E+01	0.00000E+00	-1.29301E-06	0.00000E+00	-5.63370E+00
117	0.00000E+00	-3.60000E+01	0.00000E+00	-2.58602E-06	0.00000E+00	4.31003E-07
118	0.00000E+00	-3.60000E+01	0.00000E+00	-2.58602E-06	0.00000E+00	-8.62006E-07
119	0.00000E+00	-3.60000E+01	0.00000E+00	-2.58602E-06	0.00000E+00	2.58602E-06
120	0.00000E+00	-1.80000E+01	0.00000E+00	-1.29301E-06	0.00000E+00	5.63370E+00
121	0.00000E+00	-1.80000E+01	0.00000E+00	-1.29301E-06	0.00000E+00	-5.63370E+00
122	0.00000E+00	-3.60000E+01	0.00000E+00	-2.58602E-06	0.00000E+00	4.31003E-07
123	0.00000E+00	-3.60000E+01	0.00000E+00	-2.58602E-06	0.00000E+00	-8.62006E-07
124	0.00000E+00	-3.60000E+01	0.00000E+00	-2.58602E-06	0.00000E+00	2.58602E-06
125	0.00000E+00	-1.80000E+01	0.00000E+00	-1.29301E-06	0.00000E+00	5.63370E+00
126	0.00000E+00	-1.80000E+01	0.00000E+00	-1.29301E-06	0.00000E+00	-5.63370E+00
127	0.00000E+00	-3.60000E+01	0.00000E+00	-2.58602E-06	0.00000E+00	4.31003E-07
128	0.00000E+00	-3.60000E+01	0.00000E+00	-2.58602E-06	0.00000E+00	-8.62006E-07
129	0.00000E+00	-3.60000E+01	0.00000E+00	-2.58602E-06	0.00000E+00	2.58602E-06
130	0.00000E+00	-1.80000E+01	0.00000E+00	-1.29301E-06	0.00000E+00	5.63370E+00
131	0.00000E+00	-1.80000E+01	0.00000E+00	-1.29301E-06	0.00000E+00	-5.63370E+00
132	0.00000E+00	-3.60000E+01	0.00000E+00	-2.58602E-06	0.00000E+00	4.31003E-07
133	0.00000E+00	-3.60000E+01	0.00000E+00	-2.58602E-06	0.00000E+00	-8.62006E-07
134	0.00000E+00	-3.60000E+01	0.00000E+00	-2.58602E-06	0.00000E+00	2.58602E-06
135	0.00000E+00	-1.80000E+01	0.00000E+00	-1.29301E-06	0.00000E+00	5.63370E+00
136	0.00000E+00	-1.80000E+01	0.00000E+00	-1.29301E-06	0.00000E+00	-5.63370E+00
137	0.00000E+00	-3.60000E+01	0.00000E+00	-2.58602E-06	0.00000E+00	4.31003E-07
138	0.00000E+00	-3.60000E+01	0.00000E+00	-2.58602E-06	0.00000E+00	-8.62006E-07
139	0.00000E+00	-3.60000E+01	0.00000E+00	-2.58602E-06	0.00000E+00	2.58602E-06
140	0.00000E+00	-1.80000E+01	0.00000E+00	-1.29301E-06	0.00000E+00	5.63370E+00
146	0.00000E+00	-9.00000E+00	0.00000E+00	-2.81685E+00	0.00000E+00	-2.81685E+00
147	0.00000E+00	-1.80000E+01	0.00000E+00	-5.63370E+00	0.00000E+00	-2.15501E-07
148	0.00000E+00	-1.80000E+01	0.00000E+00	-5.63370E+00	0.00000E+00	-6.46504E-07
149	0.00000E+00	-1.80000E+01	0.00000E+00	-5.63370E+00	0.00000E+00	1.29301E-06
150	0.00000E+00	-9.00000E+00	0.00000E+00	-2.81685E+00	0.00000E+00	2.81685E+00
151	0.00000E+00	-9.00000E+00	0.00000E+00	-2.81685E+00	0.00000E+00	-2.81685E+00
152	0.00000E+00	-1.80000E+01	0.00000E+00	-5.63370E+00	0.00000E+00	-2.15501E-07
153	0.00000E+00	-1.80000E+01	0.00000E+00	-5.63370E+00	0.00000E+00	-6.46504E-07
154	0.00000E+00	-1.80000E+01	0.00000E+00	-5.63370E+00	0.00000E+00	1.29301E-06
155	0.00000E+00	-9.00000E+00	0.00000E+00	-2.81685E+00	0.00000E+00	2.81685E+00
156	0.00000E+00	-9.00000E+00	0.00000E+00	-2.81685E+00	0.00000E+00	-2.81685E+00
157	0.00000E+00	-1.80000E+01	0.00000E+00	-5.63370E+00	0.00000E+00	-2.15501E-07
158	0.00000E+00	-1.80000E+01	0.00000E+00	-5.63370E+00	0.00000E+00	-6.46504E-07
159	0.00000E+00	-1.80000E+01	0.00000E+00	-5.63370E+00	0.00000E+00	1.29301E-06
160	0.00000E+00	-9.00000E+00	0.00000E+00	-2.81685E+00	0.00000E+00	2.81685E+00
161	0.00000E+00	-9.00000E+00	0.00000E+00	-2.81685E+00	0.00000E+00	-2.81685E+00
162	0.00000E+00	-1.80000E+01	0.00000E+00	-5.63370E+00	0.00000E+00	-2.15501E-07
163	0.00000E+00	-1.80000E+01	0.00000E+00	-5.63370E+00	0.00000E+00	-6.46504E-07
164	0.00000E+00	-1.80000E+01	0.00000E+00	-5.63370E+00	0.00000E+00	1.29301E-06
165	0.00000E+00	-9.00000E+00	0.00000E+00	-2.81685E+00	0.00000E+00	2.81685E+00
166	0.00000E+00	-9.00000E+00	0.00000E+00	-2.81685E+00	0.00000E+00	-2.81685E+00
167	0.00000E+00	-1.80000E+01	0.00000E+00	-5.63370E+00	0.00000E+00	-2.15501E-07
168	0.00000E+00	-1.80000E+01	0.00000E+00	-5.63370E+00	0.00000E+00	-6.46504E-07
169	0.00000E+00	-1.80000E+01	0.00000E+00	-5.63370E+00	0.00000E+00	1.29301E-06

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## APPLIED JOINT EQUIVALENT LOADS

JOINT	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM-Z
170	0.00000E+00	-9.00000E+00	0.00000E+00	-2.81685E+00	0.00000E+00	2.81685E+00
171	0.00000E+00	-9.00000E+00	0.00000E+00	-2.81685E+00	0.00000E+00	-2.81685E+00
172	0.00000E+00	-1.80000E+01	0.00000E+00	-5.63370E+00	0.00000E+00	-2.15501E-07
173	0.00000E+00	-1.80000E+01	0.00000E+00	-5.63370E+00	0.00000E+00	-6.46504E-07
174	0.00000E+00	-1.80000E+01	0.00000E+00	-5.63370E+00	0.00000E+00	1.29301E-06
175	0.00000E+00	-9.00000E+00	0.00000E+00	-2.81685E+00	0.00000E+00	2.81685E+00

STATIC LOAD/REACTION/EQUILIBRIUM SUMMARY FOR CASE NO. 8  
LOADTYPE LIVE REDUCIBLE TITLE LL

CENTER OF FORCE BASED ON Y FORCES ONLY (METE).  
(FORCES IN NON-GLOBAL DIRECTIONS WILL INVALIDATE RESULTS)

X = 0.599999994E+01  
Y = 0.105000001E+02  
Z = 0.599999994E+01

## \*\*\*TOTAL APPLIED LOAD ( KN METE ) SUMMARY (LOADING 8 )

SUMMATION FORCE-X = 0.00  
SUMMATION FORCE-Y = -3456.00  
SUMMATION FORCE-Z = 0.00

## SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= 20736.00 MY= 0.00 MZ= -20736.00

## \*\*\*TOTAL REACTION LOAD( KN METE ) SUMMARY (LOADING 8 )

SUMMATION FORCE-X = 0.00  
SUMMATION FORCE-Y = 3456.00  
SUMMATION FORCE-Z = 0.00

## SUMMATION OF MOMENTS AROUND THE ORIGIN-

MX= -20736.00 MY= 0.00 MZ= 20736.00

## MAXIMUM DISPLACEMENTS ( CM /RADIANS) (LOADING 8)

	MAXIMUMS	AT NODE
X	-8.27435E-04	105
Y	-5.15392E-02	103
Z	-8.27435E-04	173
RX	-6.64981E-05	173
RY	-2.68255E-07	70
RZ	6.64981E-05	105

## EXTERNAL AND INTERNAL JOINT LOAD SUMMARY ( KN METE )-

JT	EXT FX/ INT FX	EXT FY/ INT FY	EXT FZ/ INT FZ	EXT MX/ INT MX	EXT MY/ INT MY	EXT MZ/ INT MZ
						SUPPORT=1
1	0.00 -0.64	0.00 -64.33	0.00 -0.64	0.00 -0.64	0.00 0.00	0.00 0.64 111111

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2	0.00	0.00	0.00	0.00	0.00	0.00
	-0.10	-112.06	-1.19	-1.19	0.00	0.10 111111
3	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	-117.36	-1.22	-1.21	0.00	0.00 111111
4	0.00	0.00	0.00	0.00	0.00	0.00
	0.10	-112.06	-1.19	-1.19	0.00	-0.10 111111
5	0.00	0.00	0.00	0.00	0.00	0.00
	0.64	-64.33	-0.64	-0.64	0.00	-0.64 111111
36	0.00	0.00	0.00	0.00	0.00	0.00
	-1.19	-112.06	-0.10	-0.10	0.00	1.19 111111
37	0.00	0.00	0.00	0.00	0.00	0.00
	-0.16	-197.92	-0.16	-0.18	0.00	0.18 111111
38	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	-206.40	-0.17	-0.19	0.00	0.00 111111
39	0.00	0.00	0.00	0.00	0.00	0.00
	0.16	-197.92	-0.16	-0.18	0.00	-0.18 111111
40	0.00	0.00	0.00	0.00	0.00	0.00
	1.19	-112.06	-0.10	-0.10	0.00	-1.19 111111
71	0.00	0.00	0.00	0.00	0.00	0.00
	-1.22	-117.36	0.00	0.00	0.00	1.21 111111
72	0.00	0.00	0.00	0.00	0.00	0.00
	-0.17	-206.40	0.00	0.00	0.00	0.19 111111
73	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	-215.53	0.00	0.00	0.00	0.00 111111
74	0.00	0.00	0.00	0.00	0.00	0.00
	0.17	-206.40	0.00	0.00	0.00	-0.19 111111
75	0.00	0.00	0.00	0.00	0.00	0.00
	1.22	-117.36	0.00	0.00	0.00	-1.21 111111
106	0.00	0.00	0.00	0.00	0.00	0.00
	-1.19	-112.06	0.10	0.10	0.00	1.19 111111
107	0.00	0.00	0.00	0.00	0.00	0.00
	-0.16	-197.92	0.16	0.18	0.00	0.18 111111
108	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	-206.40	0.17	0.19	0.00	0.00 111111
109	0.00	0.00	0.00	0.00	0.00	0.00
	0.16	-197.92	0.16	0.18	0.00	-0.18 111111
110	0.00	0.00	0.00	0.00	0.00	0.00
	1.19	-112.06	0.10	0.10	0.00	-1.19 111111
141	0.00	0.00	0.00	0.00	0.00	0.00
	-0.64	-64.33	0.64	0.64	0.00	0.64 111111
142	0.00	0.00	0.00	0.00	0.00	0.00
	-0.10	-112.06	1.19	1.19	0.00	0.10 111111
143	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	-117.36	1.22	1.21	0.00	0.00 111111

144	0.00	0.00	0.00	0.00	0.00	0.00	
	0.10	-112.06	1.19	1.19	0.00	-0.10	111111
145	0.00	0.00	0.00	0.00	0.00	0.00	
	0.64	-64.33	0.64	0.64	0.00	-0.64	111111

LOAD COMBINATION NO. 5  
COMBINATION LOAD CASE 5

LOADING- 1. 3.  
FACTOR - 1.50 1.50



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LOAD COMBINATION NO. 6  
COMBINATION LOAD CASE 6

LOADING- 2. 4.  
FACTOR - 1.50 1.50

LOAD COMBINATION NO. 9  
GENERATED INDIAN CODE GENRAL\_STRUCTURES 1

LOADING- 7. 8.  
FACTOR - 1.50 1.50

\*\*\*\*\* END OF DATA FROM INTERNAL STORAGE \*\*\*\*\*

169. START CONCRETE DESIGN  
170. CODE INDIAN  
171. FC 25000 ALL  
172. FYMAIN 415000 ALL  
173. DESIGN BEAM 1 TO 24 55 TO 78 109 TO 132 163 TO 186 217 TO 240 271 TO 390

STAAD SPACE

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## =====

## B E A M N O. 1 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	0.00	303.13	327.71
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	3-12i	2-12i	2-12i	3-12i	3-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 37.52 MX = -0.37 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.13 MX = -0.37 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 2 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

STAAD SPACE

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.87 MX = -0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.78 MX = -0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 3 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.51 MX = 0.02 LD= 9  
Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.14 MX = 0.02 LD= 9  
Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O . 4 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

STAAD SPACE

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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 35.86 MX = 0.37 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.79 MX = 0.37 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 5 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 40.91 MX = -0.38 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -32.74 MX = -0.38 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 6 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.76 MX = -0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.89 MX = -0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 7 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.62 MX = 0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.03 MX = 0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 8 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 32.47 MX = 0.38 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -41.18 MX = 0.38 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O . 9 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c



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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 43.21 MX = -0.42 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -30.44 MX = -0.42 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 10 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.84 MX = -0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.82 MX = -0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 11 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.55 MX = 0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.11 MX = 0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 12 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 30.17 MX = 0.42 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -43.48 MX = 0.42 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 13 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	318.21	303.13	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

STAAD SPACE

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	3-12i	3-12i	2-12i	3-12i	3-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 44.90 MX = -0.45 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -28.75 MX = -0.45 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 14 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.93 MX = -0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.72 MX = -0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 15 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.45 MX = 0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.20 MX = 0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 16 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	318.21
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	3-12i	3-12i	3-12i	3-12i	3-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 28.48 MX = 0.45 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -45.17 MX = 0.45 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 17 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	342.58	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	5-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 46.71 MX = -0.42 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -26.94 MX = -0.42 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 18 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.85 MX = -0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.80 MX = -0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 19 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c



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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.53 MX = 0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.12 MX = 0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## B E A M N O. 20 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	342.58
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	5-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 26.67 MX = 0.42 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -46.98 MX = 0.42 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 21 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 41.31 MX = -0.90 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -32.35 MX = -0.90 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 22 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.26 MX = -0.09 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.40 MX = -0.09 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 23 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 37.13 MX = 0.09 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.53 MX = 0.09 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 24 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 32.08 MX = 0.90 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -41.58 MX = 0.90 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 55 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 49.04 MX = -0.04 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -47.02 MX = -0.04 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 56 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.97 MX = -0.01 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.09 MX = -0.01 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 57 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.55 MX = 0.01 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.51 MX = 0.01 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 58 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 46.48 MX = 0.04 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -49.58 MX = 0.04 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 59 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	349.52	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	5-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c



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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 53.46 MX = -0.10 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -42.61 MX = -0.10 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 60 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.83 MX = -0.01 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.23 MX = -0.01 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 61 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.69 MX = 0.01 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.37 MX = 0.01 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 62 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	349.52
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	5-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 42.07 MX = 0.10 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -54.00 MX = 0.10 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 63 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	386.09	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	5-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 56.45 MX = -0.13 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -39.61 MX = -0.13 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 64 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.92 MX = -0.02 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.14 MX = -0.02 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 65 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.60 MX = 0.02 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.46 MX = 0.02 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 66 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	386.09
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	5-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 39.07 MX = 0.13 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -56.99 MX = 0.13 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 67 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	414.12	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-12i	3-12i	3-12i	3-12i	3-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 58.66 MX = -0.16 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.41 MX = -0.16 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 68 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 48.03 MX = -0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.03 MX = -0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O . 6 9 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c



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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.49 MX = 0.02 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.57 MX = 0.02 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 70 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	414.12
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	3-12i	3-12i	3-12i	3-12i	4-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.86 MX = 0.16 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -59.20 MX = 0.16 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 71 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	446.21	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-12i	3-12i	3-12i	3-12i	3-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 60.95 MX = -0.18 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -35.11 MX = -0.18 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 72 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.95 MX = -0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.11 MX = -0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 73 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.57 MX = 0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.49 MX = 0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 74 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	446.21
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	3-12i	3-12i	3-12i	3-12i	4-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 34.57 MX = 0.18 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -61.49 MX = 0.18 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 75 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	339.44	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	5-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 54.30 MX = -0.26 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -41.76 MX = -0.26 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 76 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.16 MX = -0.04 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.90 MX = -0.04 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 77 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 48.36 MX = 0.04 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -47.70 MX = 0.04 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 78 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	339.44
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	5-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 41.22 MX = 0.26 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -54.84 MX = 0.26 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 109 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c



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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 49.10 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -46.96 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

=====

B E A M N O. 110 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.98 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.08 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

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## =====

## B E A M N O. 111 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.54 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.52 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

## =====

## B E A M N O. 112 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 46.42 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -49.64 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 113 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	350.47	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	5-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 53.62 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -42.45 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 114 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.85 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.22 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

## =====

## B E A M N O. 115 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.68 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.39 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

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## =====

## B E A M N O. 116 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	350.47
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	5-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 41.91 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -54.16 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

## =====

## B E A M N O. 117 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	391.14	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	5-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 56.69 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -39.37 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 118 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.94 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.12 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 119 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c



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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.58 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.48 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

## =====

## B E A M N O. 120 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	391.14
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	5-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 38.83 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -57.23 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

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## =====

## B E A M N O. 121 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	416.21	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-12i	3-12i	3-12i	3-12i	3-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 58.96 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.10 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

## =====

## B E A M N O. 122 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 48.06 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.00 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 123 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.46 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.60 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 124 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	416.21
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	3-12i	3-12i	3-12i	3-12i	4-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.56 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -59.50 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

## =====

## B E A M N O. 125 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	449.04	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-12i	3-12i	3-12i	3-12i	3-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 61.32 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -34.74 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

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## =====

## B E A M N O. 126 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.98 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.08 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

## =====

## B E A M N O. 127 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.54 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.52 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 128 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	449.04
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	3-12i	3-12i	3-12i	3-12i	4-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 34.20 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -61.86 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 129 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	338.50	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	3-12i	3-12i	3-12i	3-12i	3-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c



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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 54.48 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -41.58 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

## =====

## B E A M N O. 130 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.16 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.90 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

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## =====

## B E A M N O. 131 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 48.36 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -47.70 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

## =====

## B E A M N O. 132 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	338.50
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	3-12i	3-12i	3-12i	3-12i	3-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 41.04 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -55.02 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 163 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 49.04 MX = 0.04 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -47.02 MX = 0.04 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 164 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.97 MX = 0.01 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.09 MX = 0.01 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 165 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.55 MX = -0.01 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.51 MX = -0.01 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

STAAD SPACE

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## =====

## B E A M N O. 166 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 46.48 MX = -0.04 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -49.58 MX = -0.04 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 167 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	349.52	303.13	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	5-10i	4-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 53.46 MX = 0.10 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -42.61 MX = 0.10 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 168 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.83 MX = 0.01 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.23 MX = 0.01 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 169 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c



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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.69 MX = -0.01 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.37 MX = -0.01 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 170 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	349.52
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	5-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 42.07 MX = -0.10 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -54.00 MX = -0.10 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 171 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	386.09	303.13	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	5-10i	4-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 56.45 MX = 0.13 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -39.61 MX = 0.13 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 172 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.92 MX = 0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.14 MX = 0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 173 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.60 MX = -0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.46 MX = -0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 174 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	386.09
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	5-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 39.07 MX = -0.13 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -56.99 MX = -0.13 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 175 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	414.12	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-12i	3-12i	3-12i	3-12i	3-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 58.66 MX = 0.16 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.41 MX = 0.16 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 176 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 48.03 MX = 0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.03 MX = 0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 177 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.49 MX = -0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.57 MX = -0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 178 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	414.12
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	3-12i	3-12i	3-12i	3-12i	4-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.86 MX = -0.16 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -59.20 MX = -0.16 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O . 179 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	446.21	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-12i	3-12i	3-12i	3-12i	3-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c



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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 60.95 MX = 0.18 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -35.11 MX = 0.18 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 180 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.95 MX = 0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.11 MX = 0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 181 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.57 MX = -0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.49 MX = -0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 182 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	446.21
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	3-12i	3-12i	3-12i	3-12i	4-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 34.57 MX = -0.18 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -61.49 MX = -0.18 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 183 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	339.44	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	5-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 54.30 MX = 0.26 LD= 9  
Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -41.76 MX = 0.26 LD= 9  
Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 184 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.16 MX = 0.04 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.90 MX = 0.04 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 185 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 48.36 MX = -0.04 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -47.70 MX = -0.04 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 186 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	339.44
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	5-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 41.22 MX = -0.26 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -54.84 MX = -0.26 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 217 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 37.52 MX = 0.37 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.13 MX = 0.37 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 218 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.87 MX = 0.02 LD= 9  
Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.78 MX = 0.02 LD= 9  
Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 219 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c



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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.51 MX = -0.02 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.14 MX = -0.02 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 220 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 35.86 MX = -0.37 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.79 MX = -0.37 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 221 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 40.91 MX = 0.38 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -32.74 MX = 0.38 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 222 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.76 MX = 0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.89 MX = 0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 223 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.62 MX = -0.02 LD= 9  
Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.03 MX = -0.02 LD= 9  
Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 224 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 32.47 MX = -0.38 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -41.18 MX = -0.38 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 225 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 43.21 MX = 0.42 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -30.44 MX = 0.42 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 226 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.84 MX = 0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.82 MX = 0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 227 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.55 MX = -0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.11 MX = -0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 228 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 30.17 MX = -0.42 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -43.48 MX = -0.42 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 229 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	318.21	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	3-12i	3-12i	3-12i	3-12i	3-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c



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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 44.90 MX = 0.45 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -28.75 MX = 0.45 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 230 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.93 MX = 0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.72 MX = 0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 231 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.45 MX = -0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.20 MX = -0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 232 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	318.21
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	0.00	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	3-12i	2-12i	3-12i	3-12i	3-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	2-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 28.48 MX = -0.45 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -45.17 MX = -0.45 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 233 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	342.58	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	5-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 46.71 MX = 0.42 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -26.94 MX = 0.42 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 234 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.85 MX = 0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.80 MX = 0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

=====

B E A M N O. 235 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.53 MX = -0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.12 MX = -0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 236 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	342.58
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	5-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 26.67 MX = -0.42 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -46.98 MX = -0.42 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 237 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 41.31 MX = 0.90 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -32.35 MX = 0.90 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 238 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.26 MX = 0.09 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.40 MX = 0.09 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 239 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c



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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 37.13 MX = -0.09 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.53 MX = -0.09 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

=====

B E A M N O. 240 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 32.08 MX = -0.90 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -41.58 MX = -0.90 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 271 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 37.52 MX = 0.37 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.13 MX = 0.37 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 272 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 49.04 MX = 0.04 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -47.02 MX = 0.04 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 273 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 49.10 MX = 0.00 LD= 9  
Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -46.96 MX = 0.00 LD= 9  
Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 274 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 49.04 MX = -0.04 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -47.02 MX = -0.04 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 275 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 37.52 MX = -0.37 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.13 MX = -0.37 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 276 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 40.91 MX = 0.38 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -32.74 MX = 0.38 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 277 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	349.52	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	5-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 53.46 MX = 0.10 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -42.61 MX = 0.10 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 278 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	350.47	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	5-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 53.62 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -42.45 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 279 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	349.52	303.13	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	5-10i	4-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c



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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 53.46 MX = -0.10 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -42.61 MX = -0.10 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 280 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 40.91 MX = -0.38 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -32.74 MX = -0.38 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 281 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 43.21 MX = 0.42 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -30.44 MX = 0.42 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 282 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	386.09	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	5-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 56.45 MX = 0.13 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -39.61 MX = 0.13 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 283 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	391.14	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	5-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 56.69 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -39.37 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 284 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	386.09	303.13	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	5-10i	4-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 56.45 MX = -0.13 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -39.61 MX = -0.13 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 285 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 43.21 MX = -0.42 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -30.44 MX = -0.42 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 286 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	318.21	303.13	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	3-12i	3-12i	2-12i	3-12i	3-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 44.90 MX = 0.45 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -28.75 MX = 0.45 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 287 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	414.12	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-12i	3-12i	3-12i	3-12i	3-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 58.66 MX = 0.16 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.41 MX = 0.16 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 288 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	416.21	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-12i	3-12i	3-12i	3-12i	3-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 58.96 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.10 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O . 289 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	414.12	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-12i	3-12i	3-12i	3-12i	3-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c



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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 58.66 MX = -0.16 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.41 MX = -0.16 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## B E A M N O. 290 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	318.21	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	3-12i	3-12i	3-12i	3-12i	3-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 44.90 MX = -0.45 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -28.75 MX = -0.45 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 291 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	342.58	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	5-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 46.71 MX = 0.42 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -26.94 MX = 0.42 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 292 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	446.21	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-12i	3-12i	3-12i	3-12i	3-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 60.95 MX = 0.18 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -35.11 MX = 0.18 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 293 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	449.04	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-12i	3-12i	3-12i	3-12i	3-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 61.32 MX = 0.00 LD= 9  
Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -34.74 MX = 0.00 LD= 9  
Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O . 294 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	446.21	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-12i	3-12i	3-12i	3-12i	3-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 60.95 MX = -0.18 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -35.11 MX = -0.18 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## B E A M N O. 295 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	342.58	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	5-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 46.71 MX = -0.42 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -26.94 MX = -0.42 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 296 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 41.31 MX = 0.90 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -32.35 MX = 0.90 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 297 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	339.44	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	5-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 54.30 MX = 0.26 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -41.76 MX = 0.26 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 298 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	338.50	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	3-12i	3-12i	3-12i	3-12i	3-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 54.48 MX = 0.00 LD= 9  
Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -41.58 MX = 0.00 LD= 9  
Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 299 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	339.44	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	5-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c



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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 54.30 MX = -0.26 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -41.76 MX = -0.26 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## B E A M N O. 300 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 41.31 MX = -0.90 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -32.35 MX = -0.90 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 301 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.87 MX = 0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.78 MX = 0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 302 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.97 MX = 0.01 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.09 MX = 0.01 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 303 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.98 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.08 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 304 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.97 MX = -0.01 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.09 MX = -0.01 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## B E A M N O. 305 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.87 MX = -0.02 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.78 MX = -0.02 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 306 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.76 MX = 0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.89 MX = 0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 307 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.83 MX = 0.01 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.23 MX = 0.01 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 308 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.85 MX = 0.00 LD= 9  
Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.22 MX = 0.00 LD= 9  
Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 309 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c



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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.83 MX = -0.01 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.23 MX = -0.01 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 310 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.76 MX = -0.02 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.89 MX = -0.02 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 311 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.84 MX = 0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.82 MX = 0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 312 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.92 MX = 0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.14 MX = 0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 313 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.94 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.12 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 314 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.92 MX = -0.02 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.14 MX = -0.02 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## B E A M N O. 315 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.84 MX = -0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.82 MX = -0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 316 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.93 MX = 0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.72 MX = 0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 317 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 48.03 MX = 0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.03 MX = 0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 318 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

STAAD SPACE

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 48.06 MX = 0.00 LD= 9  
Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.00 MX = 0.00 LD= 9  
Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 319 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c



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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 48.03 MX = -0.02 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.03 MX = -0.02 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 320 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.93 MX = -0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.72 MX = -0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 321 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.85 MX = 0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.80 MX = 0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 322 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.95 MX = 0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.11 MX = 0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 323 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.98 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.08 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 324 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.95 MX = -0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.11 MX = -0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 325 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.85 MX = -0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.80 MX = -0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 326 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.26 MX = 0.09 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.40 MX = 0.09 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 327 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.16 MX = 0.04 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.90 MX = 0.04 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 328 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.16 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.90 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O . 3 2 9 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c



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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.16 MX = -0.04 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.90 MX = -0.04 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 330 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.26 MX = -0.09 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.40 MX = -0.09 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

STAAD SPACE

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## =====

## B E A M N O. 331 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.51 MX = -0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.14 MX = -0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 332 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.55 MX = -0.01 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.51 MX = -0.01 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 333 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.54 MX = 0.00 LD= 9  
Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.52 MX = 0.00 LD= 9  
Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 334 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	0.00	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	2-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.55 MX = 0.01 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.51 MX = 0.01 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 335 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.51 MX = 0.02 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.14 MX = 0.02 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 336 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.62 MX = -0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.03 MX = -0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 337 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.69 MX = -0.01 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.37 MX = -0.01 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 338 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.68 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.39 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 339 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c



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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.69 MX = 0.01 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.37 MX = 0.01 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 340 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.62 MX = 0.02 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.03 MX = 0.02 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 341 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.55 MX = -0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.11 MX = -0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 342 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.60 MX = -0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.46 MX = -0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 343 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.58 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.48 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 344 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.60 MX = 0.02 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.46 MX = 0.02 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 345 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.55 MX = 0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.11 MX = 0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 346 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.45 MX = -0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.20 MX = -0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 347 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.49 MX = -0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.57 MX = -0.02 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 348 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.46 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.60 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 349 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c



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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.49 MX = 0.02 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.57 MX = 0.02 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 350 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.45 MX = 0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.20 MX = 0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 351 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.53 MX = -0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.12 MX = -0.03 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 352 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.57 MX = -0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.49 MX = -0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 353 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.54 MX = 0.00 LD= 9  
Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.52 MX = 0.00 LD= 9  
Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 354 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 47.57 MX = 0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -48.49 MX = 0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 355 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.53 MX = 0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.12 MX = 0.03 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 356 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 37.13 MX = -0.09 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.53 MX = -0.09 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 357 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

STAAD SPACE

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 48.36 MX = -0.04 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -47.70 MX = -0.04 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 358 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

STAAD SPACE

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 48.36 MX = 0.00 LD= 9  
Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -47.70 MX = 0.00 LD= 9  
Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 359 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c



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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 48.36 MX = 0.04 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -47.70 MX = 0.04 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 360 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 37.13 MX = 0.09 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -36.53 MX = 0.09 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 361 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 35.86 MX = -0.37 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.79 MX = -0.37 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 362 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 46.48 MX = -0.04 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -49.58 MX = -0.04 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 363 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 46.42 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -49.64 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O . 3 6 4 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 46.48 MX = 0.04 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -49.58 MX = 0.04 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

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B E A M N O. 365 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 35.86 MX = 0.37 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -37.79 MX = 0.37 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 366 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 32.47 MX = -0.38 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -41.18 MX = -0.38 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 367 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	349.52
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	5-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 42.07 MX = -0.10 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -54.00 MX = -0.10 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 368 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	350.47
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	5-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 41.91 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -54.16 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 369 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	349.52
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	5-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c



STAAD SPACE

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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 42.07 MX = 0.10 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -54.00 MX = 0.10 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 370 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 32.47 MX = 0.38 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -41.18 MX = 0.38 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 371 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 30.17 MX = -0.42 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -43.48 MX = -0.42 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 372 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	386.09
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	5-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 39.07 MX = -0.13 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -56.99 MX = -0.13 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 373 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	391.14
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	5-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 38.83 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -57.23 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O . 374 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	386.09
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	5-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 39.07 MX = 0.13 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -56.99 MX = 0.13 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 375 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	2-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 30.17 MX = 0.42 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -43.48 MX = 0.42 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 376 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	318.21
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	3-12i	3-12i	3-12i	3-12i	3-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 28.48 MX = -0.45 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -45.17 MX = -0.45 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 377 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	414.12
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	3-12i	3-12i	3-12i	3-12i	4-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.86 MX = -0.16 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -59.20 MX = -0.16 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 378 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	416.21
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	3-12i	3-12i	3-12i	3-12i	4-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.56 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -59.50 MX = 0.00 LD= 9  
 Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O . 3 7 9 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	414.12
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	3-12i	3-12i	3-12i	3-12i	4-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c



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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 36.86 MX = 0.16 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -59.20 MX = 0.16 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 380 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	0.00	303.13	303.13	318.21
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	0.00	0.00
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	3-12i	2-12i	3-12i	3-12i	3-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	2-10i	2-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 28.48 MX = 0.45 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -45.17 MX = 0.45 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 381 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	342.58
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	5-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 26.67 MX = -0.42 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -46.98 MX = -0.42 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 382 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	446.21
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	3-12i	3-12i	3-12i	3-12i	4-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 34.57 MX = -0.18 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -61.49 MX = -0.18 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 383 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	449.04
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	3-12i	3-12i	3-12i	3-12i	4-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 34.20 MX = 0.00 LD= 9  
Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -61.86 MX = 0.00 LD= 9  
Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 384 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	446.21
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	3-12i	3-12i	3-12i	3-12i	4-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

STAAD SPACE

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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 34.57 MX = 0.18 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -61.49 MX = 0.18 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 385 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	342.58
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	5-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 26.67 MX = 0.42 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -46.98 MX = 0.42 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

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## =====

## B E A M N O. 386 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 32.08 MX = -0.90 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -41.58 MX = -0.90 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 387 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

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## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	339.44
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	5-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 41.22 MX = -0.26 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -54.84 MX = -0.26 LD= 9  
 Provide 2 Legged 8i @ 170 mm c/c

## B E A M N O. 388 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	338.50
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

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## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	3-12i	3-12i	3-12i	3-12i	3-12i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c	@ 220 mm c/c

## SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 41.04 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -55.02 MX = 0.00 LD= 9

Provide 2 Legged 8i @ 220 mm c/c

## B E A M N O. 389 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	339.44
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	5-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c



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SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 41.22 MX = 0.26 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -54.84 MX = 0.26 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

## =====

## B E A M N O. 390 D E S I G N R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm SIZE: 400.0 mm X 400.0 mm COVER: 25.0 mm

## SUMMARY OF REINF. AREA (Sq.mm)

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)
BOTTOM	303.13	303.13	303.13	303.13	303.13
REINF.	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)	(Sq. mm)

## SUMMARY OF PROVIDED REINF. AREA

SECTION	0.0 mm	750.0 mm	1500.0 mm	2250.0 mm	3000.0 mm
TOP	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
BOTTOM	4-10i	4-10i	4-10i	4-10i	4-10i
REINF.	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)	1 layer(s)
SHEAR	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i	2 legged 8i
REINF.	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c	@ 170 mm c/c

SHEAR DESIGN RESULTS AT DISTANCE d (EFFECTIVE DEPTH) FROM FACE OF THE SUPPORT

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM START SUPPORT

VY = 32.08 MX = 0.90 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

SHEAR DESIGN RESULTS AT 590.0 mm AWAY FROM END SUPPORT

VY = -41.58 MX = 0.90 LD= 9

Provide 2 Legged 8i @ 170 mm c/c

\*\*\*\*\*END OF BEAM DESIGN RESULTS\*\*\*\*\*

174. DESIGN COLUMN 25 TO 54 79 TO 108 133 TO 162 187 TO 216 241 TO 270



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## C O L U M N   N O .        25   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:        1   TENSION COLUMN

REQD. STEEL AREA    :        1620.00 Sq.mm.

REQD. CONCRETE AREA:   200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,   1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----

Puz :    2764.13    Muz1 :        102.71    Muy1 :        102.71

INTERACTION RATIO: 0.14 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----

WORST LOAD CASE:        7

END JOINT:        6 Puz :    2820.99    Muz :        195.10    Muy :        195.10    IR: 0.12

=====

=====

## C O L U M N   N O .        26   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:        2   TENSION COLUMN

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.16 Muy1 : 109.16

INTERACTION RATIO: 0.14 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 2 Puz : 2820.99 Muz : 167.35 Muy : 167.35 IR: 0.15  
 =====

## C O L U M N N O . 27 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 2 END JOINT: 3 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 102.59 Muy1 : 102.59

INTERACTION RATIO: 0.14 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 5  
 END JOINT: 3 Puz : 2820.99 Muz : 121.02 Muy : 121.02 IR: 0.24

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## C O L U M N   N O .        28   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    2 END JOINT:        4   TENSION COLUMN

REQD. STEEL AREA    :        1620.00 Sq.mm.

REQD. CONCRETE AREA:   200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,   1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :   2764.13    Muz1 :     102.63    Muy1 :     102.63

INTERACTION RATIO: 0.14 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:        5END JOINT:        4 Puz :   2820.99    Muz :     121.05    Muy :     121.05    IR: 0.24  
=====

## C O L U M N   N O .        29   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    2 END JOINT:        5   TENSION COLUMN

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 102.71 Muy1 : 102.71

INTERACTION RATIO: 0.14 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 5  
 END JOINT: 5 Puz : 2820.99 Muz : 131.62 Muy : 131.62 IR: 0.20  
 =====

## C O L U M N N O . 30 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 1 END JOINT: 6 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 104.13 Muy1 : 104.13

INTERACTION RATIO: 0.08 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 7  
 END JOINT: 11 Puz : 2820.99 Muz : 187.92 Muy : 187.92 IR: 0.13

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## C O L U M N   N O .        31   D E S I G N   R E S U L T S

M25                              Fe415 (Main)                              Fe415 (Sec.)

LENGTH: 3000.0 mm    CROSS SECTION: 450.0 mm X 450.0 mm    COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:            7    TENSION COLUMN

REQD. STEEL AREA    :        1620.00 Sq.mm.

REQD. CONCRETE AREA:    200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,    1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :    2764.13    Muz1 :        109.04    Muy1 :        109.04

INTERACTION RATIO: 0.13 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:        9END JOINT:        7    Puz :    2820.99    Muz :        186.37    Muy :        186.37    IR: 0.13  
=====

## C O L U M N   N O .        32   D E S I G N   R E S U L T S

M25                              Fe415 (Main)                              Fe415 (Sec.)

LENGTH: 3000.0 mm    CROSS SECTION: 450.0 mm X 450.0 mm    COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    2 END JOINT:            8    TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 104.02 Muy1 : 104.02

INTERACTION RATIO: 0.08 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 8 Puz : 2820.99 Muz : 184.24 Muy : 184.24 IR: 0.13  
 =====

## C O L U M N N O . 33 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 2 END JOINT: 9 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 104.06 Muy1 : 104.06

INTERACTION RATIO: 0.08 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 5  
 END JOINT: 9 Puz : 2820.99 Muz : 121.26 Muy : 121.26 IR: 0.21



STAAD SPACE

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## C O L U M N   N O .        34   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm    CROSS SECTION: 450.0 mm X 450.0 mm    COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    2 END JOINT:        10    TENSION COLUMN

REQD. STEEL AREA    :        1620.00 Sq.mm.

REQD. CONCRETE AREA:    200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,    1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :    2764.13    Muz1 :        104.13    Muy1 :        104.13

INTERACTION RATIO: 0.08 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:        7END JOINT:        15 Puz :    2820.99    Muz :        187.92    Muy :        187.92    IR: 0.13  
=====

## C O L U M N   N O .        35   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm    CROSS SECTION: 450.0 mm X 450.0 mm    COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:        11    TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 105.65 Muy1 : 105.65

INTERACTION RATIO: 0.07 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 16 Puz : 2820.99 Muz : 196.96 Muy : 196.96 IR: 0.14  
 =====

## C O L U M N N O . 36 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 1 END JOINT: 12 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.98 Muy1 : 108.98

INTERACTION RATIO: 0.12 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 17 Puz : 2820.99 Muz : 200.07 Muy : 200.07 IR: 0.13

STAAD SPACE

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## C O L U M N   N O .        37   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    2 END JOINT:        13   TENSION COLUMN

REQD. STEEL AREA    :        1620.00 Sq.mm.

REQD. CONCRETE AREA:   200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,   1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :   2764.13    Muz1 :     105.56    Muy1 :     105.56

INTERACTION RATIO: 0.07 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:        7END JOINT:    18 Puz :   2820.99    Muz :     188.45    Muy :     188.45    IR: 0.13  
=====

## C O L U M N   N O .        38   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    2 END JOINT:        14   TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 105.59 Muy1 : 105.59

INTERACTION RATIO: 0.07 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 5  
 END JOINT: 19 Puz : 2820.99 Muz : 121.37 Muy : 121.37 IR: 0.19  
 =====

## C O L U M N N O . 39 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 2 END JOINT: 15 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 105.65 Muy1 : 105.65

INTERACTION RATIO: 0.07 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 20 Puz : 2820.99 Muz : 196.96 Muy : 196.96 IR: 0.14

STAAD SPACE

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## C O L U M N   N O .        40   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm    CROSS SECTION: 450.0 mm X 450.0 mm    COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:        16    TENSION COLUMN

REQD. STEEL AREA    :        1620.00 Sq.mm.

REQD. CONCRETE AREA:    200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,    1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :    2764.13    Muz1 :        107.03    Muy1 :        107.03

INTERACTION RATIO: 0.05 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:        9END JOINT:        21 Puz :    2820.99    Muz :        185.16    Muy :        185.16    IR: 0.22  
=====

## C O L U M N   N O .        41   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm    CROSS SECTION: 450.0 mm X 450.0 mm    COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:        17    TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.97 Muy1 : 108.97

INTERACTION RATIO: 0.10 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 22 Puz : 2820.99 Muz : 195.28 Muy : 195.28 IR: 0.17  
 =====

## C O L U M N N O . 42 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 2 END JOINT: 18 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 106.96 Muy1 : 106.96

INTERACTION RATIO: 0.06 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 23 Puz : 2820.99 Muz : 196.29 Muy : 196.29 IR: 0.17

STAAD SPACE

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## C O L U M N   N O .        43   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    2 END JOINT:        19   TENSION COLUMN

REQD. STEEL AREA    :        1620.00 Sq.mm.

REQD. CONCRETE AREA:   200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,   1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :   2764.13    Muz1 :     106.98    Muy1 :     106.98

INTERACTION RATIO: 0.06 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:        9END JOINT:        24 Puz :   2820.99    Muz :     195.28    Muy :     195.28    IR: 0.17  
=====

## C O L U M N   N O .        44   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    2 END JOINT:        20   TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 107.03 Muy1 : 107.03

INTERACTION RATIO: 0.05 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 25 Puz : 2820.99 Muz : 185.16 Muy : 185.16 IR: 0.22  
 =====

## C O L U M N N O . 45 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 1 END JOINT: 21 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.15 Muy1 : 108.15

INTERACTION RATIO: 0.04 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 26 Puz : 2820.99 Muz : 166.43 Muy : 166.43 IR: 0.23



STAAD SPACE

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## C O L U M N   N O .        46   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:        22   TENSION COLUMN

REQD. STEEL AREA    :        1620.00 Sq.mm.

REQD. CONCRETE AREA:   200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,   1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :   2764.13    Muz1 :     109.00    Muy1 :     109.00

INTERACTION RATIO: 0.07 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:        9END JOINT:        22 Puz :   2820.99    Muz :     184.18    Muy :     184.18    IR: 0.20  
=====

## C O L U M N   N O .        47   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    2 END JOINT:        23   TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.11 Muy1 : 108.11

INTERACTION RATIO: 0.04 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 23 Puz : 2820.99 Muz : 185.29 Muy : 185.29 IR: 0.21  
 =====

## C O L U M N N O . 48 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 2 END JOINT: 24 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.12 Muy1 : 108.12

INTERACTION RATIO: 0.04 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 24 Puz : 2820.99 Muz : 184.18 Muy : 184.18 IR: 0.20

STAAD SPACE

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## C O L U M N   N O .        49   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm    CROSS SECTION: 450.0 mm X 450.0 mm    COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    2 END JOINT:        25    TENSION COLUMN

REQD. STEEL AREA    :        1620.00 Sq.mm.

REQD. CONCRETE AREA:    200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,    1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :    2764.13    Muz1 :        108.15    Muy1 :        108.15

INTERACTION RATIO: 0.04 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:        9END JOINT:        30 Puz :    2820.99    Muz :        166.43    Muy :        166.43    IR: 0.23  
=====

## C O L U M N   N O .        50   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm    CROSS SECTION: 450.0 mm X 450.0 mm    COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:        26    TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.88 Muy1 : 108.88

INTERACTION RATIO: 0.01 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 31 Puz : 2820.99 Muz : 139.28 Muy : 139.28 IR: 0.48  
 =====

## C O L U M N N O . 51 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 1 END JOINT: 27 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.10 Muy1 : 109.10

INTERACTION RATIO: 0.04 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 32 Puz : 2820.99 Muz : 147.42 Muy : 147.42 IR: 0.35

STAAD SPACE

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## C O L U M N   N O .        52   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm    CROSS SECTION: 450.0 mm X 450.0 mm    COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:        28    TENSION COLUMN

REQD. STEEL AREA    :        1620.00 Sq.mm.

REQD. CONCRETE AREA:    200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,    1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :    2764.13    Muz1 :        109.18    Muy1 :        109.18

INTERACTION RATIO: 0.04 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:        9END JOINT:        33 Puz :    2820.99    Muz :        148.21    Muy :        148.21    IR: 0.32  
=====

## C O L U M N   N O .        53   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm    CROSS SECTION: 450.0 mm X 450.0 mm    COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    2 END JOINT:        29    TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.87 Muy1 : 108.87

INTERACTION RATIO: 0.01 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 34 Puz : 2820.99 Muz : 147.42 Muy : 147.42 IR: 0.35  
 =====

## C O L U M N N O . 54 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 2 END JOINT: 30 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.88 Muy1 : 108.88

INTERACTION RATIO: 0.01 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 35 Puz : 2820.99 Muz : 139.28 Muy : 139.28 IR: 0.48

STAAD SPACE

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## C O L U M N   N O .        79   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:        36   TENSION COLUMN

REQD. STEEL AREA    :        1620.00 Sq.mm.

REQD. CONCRETE AREA:   200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,   1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :   2764.13    Muz1 :     102.63    Muy1 :     102.63

INTERACTION RATIO: 0.14 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:        9END JOINT:        36 Puz :   2820.99    Muz :     167.35    Muy :     167.35    IR: 0.15  
=====

## C O L U M N   N O .        80   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:        37   TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.16 Muy1 : 109.16

INTERACTION RATIO: 0.15 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 37 Puz : 2820.99 Muz : 118.80 Muy : 118.80 IR: 0.30  
 =====

## C O L U M N N O . 81 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 2 END JOINT: 38 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.16 Muy1 : 109.16

INTERACTION RATIO: 0.15 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 38 Puz : 2820.99 Muz : 112.98 Muy : 112.98 IR: 0.34



STAAD SPACE

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## C O L U M N   N O .        82   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    2 END JOINT:        39   TENSION COLUMN

REQD. STEEL AREA    :        1620.00 Sq.mm.

REQD. CONCRETE AREA:   200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,   1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :   2764.13    Muz1 :        109.16    Muy1 :        109.16

INTERACTION RATIO: 0.15 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:        9END JOINT:        39 Puz :    2820.99    Muz :        118.80    Muy :        118.80    IR: 0.30  
=====

## C O L U M N   N O .        83   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    2 END JOINT:        40   TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.16 Muy1 : 109.16

INTERACTION RATIO: 0.14 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 5  
 END JOINT: 40 Puz : 2820.99 Muz : 131.74 Muy : 131.74 IR: 0.20  
 =====

## C O L U M N N O . 84 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 1 END JOINT: 41 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 104.06 Muy1 : 104.06

INTERACTION RATIO: 0.08 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 41 Puz : 2820.99 Muz : 186.37 Muy : 186.37 IR: 0.13

STAAD SPACE

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## C O L U M N   N O .        85   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm    CROSS SECTION: 450.0 mm X 450.0 mm    COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:        42    TENSION COLUMN

REQD. STEEL AREA    :        1620.00 Sq.mm.

REQD. CONCRETE AREA:    200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,    1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :    2764.13    Muz1 :        109.04    Muy1 :        109.04

INTERACTION RATIO: 0.13 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:        9END JOINT:        42    Puz :        2820.99    Muz :        158.07    Muy :        158.07    IR: 0.17  
=====

## C O L U M N   N O .        86   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm    CROSS SECTION: 450.0 mm X 450.0 mm    COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    2 END JOINT:        43    TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.04 Muy1 : 109.04

INTERACTION RATIO: 0.13 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 43 Puz : 2820.99 Muz : 154.07 Muy : 154.07 IR: 0.18  
 =====

## C O L U M N N O . 87 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 2 END JOINT: 44 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.04 Muy1 : 109.04

INTERACTION RATIO: 0.13 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 5  
 END JOINT: 44 Puz : 2820.99 Muz : 121.26 Muy : 121.26 IR: 0.21

STAAD SPACE

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## C O L U M N   N O .        88   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    2 END JOINT:        45   TENSION COLUMN

REQD. STEEL AREA    :        1620.00 Sq.mm.

REQD. CONCRETE AREA: 200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz : 2764.13    Muz1 : 109.04    Muy1 : 109.04

INTERACTION RATIO: 0.13 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:        9END JOINT:    45 Puz : 2820.99    Muz : 186.37    Muy : 186.37    IR: 0.13  
=====

## C O L U M N   N O .        89   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:        46   TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 105.59 Muy1 : 105.59

INTERACTION RATIO: 0.07 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 51 Puz : 2820.99 Muz : 200.07 Muy : 200.07 IR: 0.13  
 =====

## C O L U M N N O . 90 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 1 END JOINT: 47 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.98 Muy1 : 108.98

INTERACTION RATIO: 0.12 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 47 Puz : 2820.99 Muz : 184.82 Muy : 184.82 IR: 0.13

STAAD SPACE

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## C O L U M N   N O .        91   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    2 END JOINT:        48   TENSION COLUMN

REQD. STEEL AREA    :        1620.00 Sq.mm.

REQD. CONCRETE AREA:   200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,   1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :   2764.13    Muz1 :     108.98    Muy1 :     108.98

INTERACTION RATIO: 0.12 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:        9END JOINT:        48 Puz :   2820.99    Muz :     182.38    Muy :     182.38    IR: 0.13  
=====

## C O L U M N   N O .        92   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    2 END JOINT:        49   TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.98 Muy1 : 108.98

INTERACTION RATIO: 0.12 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 5  
 END JOINT: 54 Puz : 2820.99 Muz : 121.37 Muy : 121.37 IR: 0.19  
 =====

## C O L U M N N O . 93 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 2 END JOINT: 50 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.98 Muy1 : 108.98

INTERACTION RATIO: 0.12 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 55 Puz : 2820.99 Muz : 200.07 Muy : 200.07 IR: 0.13



STAAD SPACE

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## C O L U M N   N O .        94   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:        51   TENSION COLUMN

REQD. STEEL AREA    :        1620.00 Sq.mm.

REQD. CONCRETE AREA:   200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,   1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :   2764.13    Muz1 :     106.98    Muy1 :     106.98

INTERACTION RATIO: 0.06 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:        9END JOINT:    56 Puz :   2820.99    Muz :     195.28    Muy :     195.28    IR: 0.17  
=====

## C O L U M N   N O .        95   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:        52   TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.97 Muy1 : 108.97

INTERACTION RATIO: 0.10 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 7  
 END JOINT: 52 Puz : 2820.99 Muz : 187.66 Muy : 187.66 IR: 0.13  
 =====

## C O L U M N N O . 96 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 2 END JOINT: 53 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.97 Muy1 : 108.97

INTERACTION RATIO: 0.10 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 7  
 END JOINT: 53 Puz : 2820.99 Muz : 188.60 Muy : 188.60 IR: 0.13

STAAD SPACE

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## C O L U M N   N O .        97   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm    CROSS SECTION: 450.0 mm X 450.0 mm    COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    2 END JOINT:        54    TENSION COLUMN

REQD. STEEL AREA    :        1620.00 Sq.mm.

REQD. CONCRETE AREA:    200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,    1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :    2764.13    Muz1 :        108.97    Muy1 :        108.97

INTERACTION RATIO: 0.10 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:        5END JOINT:        59 Puz :    2820.99    Muz :        121.40    Muy :        121.40    IR: 0.17  
=====

## C O L U M N   N O .        98   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm    CROSS SECTION: 450.0 mm X 450.0 mm    COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    2 END JOINT:        55    TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.97 Muy1 : 108.97

INTERACTION RATIO: 0.10 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 60 Puz : 2820.99 Muz : 195.28 Muy : 195.28 IR: 0.17  
 =====

## C O L U M N N O . 99 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 1 END JOINT: 56 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.12 Muy1 : 108.12

INTERACTION RATIO: 0.04 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 56 Puz : 2820.99 Muz : 184.18 Muy : 184.18 IR: 0.20

STAAD SPACE

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## =====

## C O L U M N   N O .      100   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:      57   TENSION COLUMN

REQD. STEEL AREA    :      1620.00 Sq.mm.

REQD. CONCRETE AREA:   200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,   1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :   2764.13    Muz1 :      109.00    Muy1 :      109.00

INTERACTION RATIO: 0.08 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:      9END JOINT:      62 Puz :   2820.99    Muz :      188.17    Muy :      188.17    IR: 0.13  
=====

## =====

## C O L U M N   N O .      101   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    2 END JOINT:      58   TENSION COLUMN

STAAD SPACE

-- PAGE NO. 494

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.00 Muy1 : 109.00

INTERACTION RATIO: 0.08 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 63 Puz : 2820.99 Muz : 189.49 Muy : 189.49 IR: 0.13  
 =====

## C O L U M N N O . 102 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 2 END JOINT: 59 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.00 Muy1 : 109.00

INTERACTION RATIO: 0.08 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 5  
 END JOINT: 64 Puz : 2820.99 Muz : 121.34 Muy : 121.34 IR: 0.14

STAAD SPACE

-- PAGE NO. 495

## C O L U M N   N O .      103   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      2 END JOINT:      60   TENSION COLUMN

REQD. STEEL AREA :      1620.00 Sq.mm.

REQD. CONCRETE AREA: 200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz : 2764.13   Muz1 : 109.00   Muy1 : 109.00

INTERACTION RATIO: 0.07 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:      9END JOINT:      60 Puz : 2820.99   Muz : 184.18   Muy : 184.18   IR: 0.20  
=====

## C O L U M N   N O .      104   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      1 END JOINT:      61   TENSION COLUMN

STAAD SPACE

-- PAGE NO. 496

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.87 Muy1 : 108.87

INTERACTION RATIO: 0.01 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 66 Puz : 2820.99 Muz : 147.42 Muy : 147.42 IR: 0.35  
 =====

## C O L U M N N O . 105 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 1 END JOINT: 62 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.10 Muy1 : 109.10

INTERACTION RATIO: 0.04 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 67 Puz : 2820.99 Muz : 157.40 Muy : 157.40 IR: 0.15



STAAD SPACE

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=====

=====

## C O L U M N    N O .       106   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm    CROSS SECTION: 450.0 mm X 450.0 mm    COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:       63    TENSION COLUMN

REQD. STEEL AREA    :       1620.00 Sq.mm.

REQD. CONCRETE AREA:    200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,    1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :    2764.13    Muz1 :       109.18    Muy1 :       109.18

INTERACTION RATIO: 0.04 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:       9END JOINT:       68 Puz :    2820.99    Muz :       158.37    Muy :       158.37    IR: 0.11  
=====

=====

## C O L U M N    N O .       107   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm    CROSS SECTION: 450.0 mm X 450.0 mm    COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    2 END JOINT:       64    TENSION COLUMN

STAAD SPACE

-- PAGE NO. 498

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.10 Muy1 : 109.10

INTERACTION RATIO: 0.04 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 69 Puz : 2820.99 Muz : 157.40 Muy : 157.40 IR: 0.15  
 =====

## C O L U M N N O . 108 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 2 END JOINT: 65 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.10 Muy1 : 109.10

INTERACTION RATIO: 0.04 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 70 Puz : 2820.99 Muz : 147.42 Muy : 147.42 IR: 0.35

STAAD SPACE

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## C O L U M N   N O .      133   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:      71   TENSION COLUMN

REQD. STEEL AREA    :      1620.00 Sq.mm.

REQD. CONCRETE AREA:   200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,   1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :   2764.13    Muz1 :      102.59    Muy1 :      102.59

INTERACTION RATIO: 0.14 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:      6  
END JOINT:      71 Puz :   2820.99    Muz :      121.02    Muy :      121.02    IR: 0.24  
=====

## C O L U M N   N O .      134   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:      72   TENSION COLUMN

STAAD SPACE

-- PAGE NO. 500

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.16 Muy1 : 109.16

INTERACTION RATIO: 0.15 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 72 Puz : 2820.99 Muz : 112.98 Muy : 112.98 IR: 0.34  
 =====

## C O L U M N N O . 135 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 9 END JOINT: 73 SHORT COLUMN

REQD. STEEL AREA : 1573.99 Sq.mm.  
 REQD. CONCRETE AREA: 196748.58 Sq.mm.  
 MAIN REINFORCEMENT : Provide 8 - 16 dia. (0.79%, 1608.50 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 255 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2750.32 Muz1 : 95.40 Muy1 : 95.40

INTERACTION RATIO: 0.47 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 73 Puz : 2760.67 Muz : 98.90 Muy : 98.90 IR: 0.44

STAAD SPACE

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## C O L U M N   N O .      136   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      3 END JOINT:      74   TENSION COLUMN

REQD. STEEL AREA :      1620.00 Sq.mm.

REQD. CONCRETE AREA: 200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz : 2764.13   Muz1 : 109.18   Muy1 : 109.18

INTERACTION RATIO: 0.03 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:      9END JOINT:      74 Puz : 2820.99   Muz : 112.98   Muy : 112.98   IR: 0.34  
=====

## C O L U M N   N O .      137   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      9 END JOINT:      75   SHORT COLUMN

STAAD SPACE

-- PAGE NO. 502

REQD. STEEL AREA : 1194.54 Sq.mm.  
 REQD. CONCRETE AREA: 149317.45 Sq.mm.  
 MAIN REINFORCEMENT : Provide 12 - 12 dia. (0.67%, 1357.17 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2636.49 Muz1 : 140.03 Muy1 : 140.03

INTERACTION RATIO: 0.18 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 75 Puz : 2685.28 Muz : 147.18 Muy : 147.18 IR: 0.17  
 =====

## C O L U M N N O . 138 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 1 END JOINT: 76 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 104.02 Muy1 : 104.02

INTERACTION RATIO: 0.08 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 76 Puz : 2820.99 Muz : 184.24 Muy : 184.24 IR: 0.13

STAAD SPACE

-- PAGE NO. 503

## =====

## C O L U M N   N O .      139   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:      77   TENSION COLUMN

REQD. STEEL AREA    :      1620.00 Sq.mm.

REQD. CONCRETE AREA:   200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,   1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :   2764.13    Muz1 :      109.04    Muy1 :      109.04

INTERACTION RATIO: 0.13 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:      9END JOINT:      77 Puz :   2820.99    Muz :      154.07    Muy :      154.07    IR: 0.18  
=====

## =====

## C O L U M N   N O .      140   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    3 END JOINT:      78   TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.18 Muy1 : 109.18

INTERACTION RATIO: 0.02 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 78 Puz : 2820.99 Muz : 149.71 Muy : 149.71 IR: 0.19  
 =====

## C O L U M N N O . 141 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 4 END JOINT: 79 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.18 Muy1 : 109.18

INTERACTION RATIO: 0.02 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 5  
 END JOINT: 79 Puz : 2820.99 Muz : 121.27 Muy : 121.27 IR: 0.21



STAAD SPACE

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## C O L U M N   N O .      142   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      4 END JOINT:      80   TENSION COLUMN

REQD. STEEL AREA      :      1620.00 Sq.mm.

REQD. CONCRETE AREA: 200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz : 2764.13    Muz1 : 109.18    Muy1 : 109.18

INTERACTION RATIO: 0.02 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:      9END JOINT:      80 Puz : 2820.99    Muz : 184.24    Muy : 184.24    IR: 0.13  
=====

## C O L U M N   N O .      143   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      1 END JOINT:      81   TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 105.56 Muy1 : 105.56

INTERACTION RATIO: 0.07 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 7  
 END JOINT: 86 Puz : 2820.99 Muz : 188.45 Muy : 188.45 IR: 0.13  
 =====

## C O L U M N N O . 144 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 1 END JOINT: 82 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.98 Muy1 : 108.98

INTERACTION RATIO: 0.12 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 82 Puz : 2820.99 Muz : 182.38 Muy : 182.38 IR: 0.13

STAAD SPACE

-- PAGE NO. 507

## =====

## C O L U M N   N O .      145   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      3 END JOINT:      83   TENSION COLUMN

REQD. STEEL AREA :      1620.00 Sq.mm.

REQD. CONCRETE AREA: 200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz : 2764.13    Muz1 : 109.18    Muy1 : 109.18

INTERACTION RATIO: 0.02 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:      9END JOINT:      83 Puz : 2820.99    Muz : 179.72    Muy : 179.72    IR: 0.13  
=====

## =====

## C O L U M N   N O .      146   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      4 END JOINT:      84   TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.18 Muy1 : 109.18

INTERACTION RATIO: 0.02 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 5  
 END JOINT: 89 Puz : 2820.99 Muz : 121.37 Muy : 121.37 IR: 0.19  
 =====

## C O L U M N N O . 147 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 4 END JOINT: 85 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.18 Muy1 : 109.18

INTERACTION RATIO: 0.02 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 7  
 END JOINT: 90 Puz : 2820.99 Muz : 188.45 Muy : 188.45 IR: 0.13

STAAD SPACE

-- PAGE NO. 509

## =====

## C O L U M N   N O .      148   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:      86   TENSION COLUMN

REQD. STEEL AREA    :      1620.00 Sq.mm.

REQD. CONCRETE AREA:   200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,   1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :   2764.13    Muz1 :      106.96    Muy1 :      106.96

INTERACTION RATIO: 0.06 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:      9END JOINT:      91 Puz :    2820.99    Muz :      196.29    Muy :      196.29    IR: 0.17  
=====

## =====

## C O L U M N   N O .      149   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:      87   TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.97 Muy1 : 108.97

INTERACTION RATIO: 0.10 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 7  
 END JOINT: 87 Puz : 2820.99 Muz : 188.60 Muy : 188.60 IR: 0.13  
 =====

## C O L U M N N O . 150 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 3 END JOINT: 88 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.18 Muy1 : 109.18

INTERACTION RATIO: 0.01 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 7  
 END JOINT: 93 Puz : 2820.99 Muz : 185.66 Muy : 185.66 IR: 0.13

STAAD SPACE

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## =====

## C O L U M N   N O .      151   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      4 END JOINT:      89   TENSION COLUMN

REQD. STEEL AREA :      1620.00 Sq.mm.

REQD. CONCRETE AREA: 200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz : 2764.13   Muz1 : 109.18   Muy1 : 109.18

INTERACTION RATIO: 0.01 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:      5END JOINT:      94 Puz : 2820.99   Muz : 121.40   Muy : 121.40   IR: 0.17  
=====

## =====

## C O L U M N   N O .      152   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      4 END JOINT:      90   TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.18 Muy1 : 109.18

INTERACTION RATIO: 0.01 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 95 Puz : 2820.99 Muz : 196.29 Muy : 196.29 IR: 0.17  
 =====

## C O L U M N N O . 153 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 1 END JOINT: 91 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.11 Muy1 : 108.11

INTERACTION RATIO: 0.04 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 91 Puz : 2820.99 Muz : 185.29 Muy : 185.29 IR: 0.21



STAAD SPACE

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## C O L U M N   N O .      154   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      1 END JOINT:      92   TENSION COLUMN

REQD. STEEL AREA :      1620.00 Sq.mm.

REQD. CONCRETE AREA: 200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz : 2764.13   Muz1 : 109.00   Muy1 : 109.00

INTERACTION RATIO: 0.08 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:      9END JOINT:      97 Puz : 2820.99   Muz : 189.49   Muy : 189.49   IR: 0.13  
=====

## C O L U M N   N O .      155   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      3 END JOINT:      93   TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.18 Muy1 : 109.18

INTERACTION RATIO: 0.01 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 98 Puz : 2820.99 Muz : 190.82 Muy : 190.82 IR: 0.13  
 =====

## C O L U M N N O . 156 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 4 END JOINT: 94 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.18 Muy1 : 109.18

INTERACTION RATIO: 0.01 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 5  
 END JOINT: 99 Puz : 2820.99 Muz : 121.34 Muy : 121.34 IR: 0.14

STAAD SPACE

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## C O L U M N   N O .      157   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      4 END JOINT:      95   TENSION COLUMN

REQD. STEEL AREA :      1620.00 Sq.mm.

REQD. CONCRETE AREA: 200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz : 2764.13   Muz1 : 109.18   Muy1 : 109.18

INTERACTION RATIO: 0.01 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:      9END JOINT:      95 Puz : 2820.99   Muz : 185.29   Muy : 185.29   IR: 0.21  
=====

## C O L U M N   N O .      158   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      1 END JOINT:      96   TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.86 Muy1 : 108.86

INTERACTION RATIO: 0.01 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 101 Puz : 2820.99 Muz : 148.21 Muy : 148.21 IR: 0.32  
 =====

## C O L U M N N O . 159 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 1 END JOINT: 97 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.10 Muy1 : 109.10

INTERACTION RATIO: 0.04 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 102 Puz : 2820.99 Muz : 158.37 Muy : 158.37 IR: 0.11

STAAD SPACE

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=====

=====

## C O L U M N   N O .      160   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      1 END JOINT:      98   TENSION COLUMN

REQD. STEEL AREA      :      1620.00 Sq.mm.

REQD. CONCRETE AREA: 200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz : 2764.13    Muz1 : 109.18    Muy1 : 109.18

INTERACTION RATIO: 0.05 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:      9END JOINT:      98 Puz : 2820.99    Muz : 169.31    Muy : 169.31    IR: 0.09  
=====

=====

## C O L U M N   N O .      161   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      2 END JOINT:      99   TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.18 Muy1 : 109.18

INTERACTION RATIO: 0.04 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 104 Puz : 2820.99 Muz : 158.37 Muy : 158.37 IR: 0.11  
 =====

## C O L U M N N O . 162 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 2 END JOINT: 100 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.18 Muy1 : 109.18

INTERACTION RATIO: 0.04 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 105 Puz : 2820.99 Muz : 148.21 Muy : 148.21 IR: 0.32

STAAD SPACE

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## C O L U M N   N O .      187   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:    106   TENSION COLUMN

REQD. STEEL AREA    :    1620.00 Sq.mm.

REQD. CONCRETE AREA: 200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz : 2764.13    Muz1 : 102.63    Muy1 : 102.63

INTERACTION RATIO: 0.14 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:    6END JOINT: 106 Puz : 2820.99    Muz : 121.05    Muy : 121.05    IR: 0.24  
=====

## C O L U M N   N O .      188   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:    107   TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.16 Muy1 : 109.16

INTERACTION RATIO: 0.15 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 107 Puz : 2820.99 Muz : 118.80 Muy : 118.80 IR: 0.30  
 =====

## C O L U M N N O . 189 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 4 END JOINT: 108 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.18 Muy1 : 109.18

INTERACTION RATIO: 0.03 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 108 Puz : 2820.99 Muz : 112.98 Muy : 112.98 IR: 0.34



STAAD SPACE

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## C O L U M N   N O .      190   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      3 END JOINT:      109   TENSION COLUMN

REQD. STEEL AREA      :      1620.00 Sq.mm.

REQD. CONCRETE AREA:   200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,   1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :   2764.13    Muz1 :      109.18    Muy1 :      109.18

INTERACTION RATIO: 0.03 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:      9END JOINT:   109 Puz :   2820.99    Muz :      118.80    Muy :      118.80    IR: 0.30  
=====

## C O L U M N   N O .      191   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      4 END JOINT:      110   TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.18 Muy1 : 109.18

INTERACTION RATIO: 0.03 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 6  
 END JOINT: 110 Puz : 2820.99 Muz : 121.05 Muy : 121.05 IR: 0.24  
 =====

## C O L U M N N O . 192 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 1 END JOINT: 111 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 104.06 Muy1 : 104.06

INTERACTION RATIO: 0.08 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 6  
 END JOINT: 111 Puz : 2820.99 Muz : 121.26 Muy : 121.26 IR: 0.21

STAAD SPACE

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## =====

## C O L U M N   N O .      193   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:    112   TENSION COLUMN

REQD. STEEL AREA    :    1620.00 Sq.mm.

REQD. CONCRETE AREA: 200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz : 2764.13    Muz1 : 109.04    Muy1 : 109.04

INTERACTION RATIO: 0.13 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:    6END JOINT: 112 Puz : 2820.99    Muz : 121.26    Muy : 121.26    IR: 0.21  
=====

## =====

## C O L U M N   N O .      194   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    3 END JOINT:    113   TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.18 Muy1 : 109.18

INTERACTION RATIO: 0.02 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 6  
 END JOINT: 113 Puz : 2820.99 Muz : 121.27 Muy : 121.27 IR: 0.21  
 =====

## C O L U M N N O . 195 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 9 END JOINT: 114 SHORT COLUMN

REQD. STEEL AREA : 1248.16 Sq.mm.  
 REQD. CONCRETE AREA: 156020.56 Sq.mm.  
 MAIN REINFORCEMENT : Provide 12 - 12 dia. (0.67%, 1357.17 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2652.57 Muz1 : 135.37 Muy1 : 135.37

INTERACTION RATIO: 0.20 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 114 Puz : 2685.28 Muz : 140.39 Muy : 140.39 IR: 0.19

STAAD SPACE

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## C O L U M N   N O .      196   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      9 END JOINT:      115   SHORT COLUMN

REQD. STEEL AREA      :      975.74 Sq.mm.

REQD. CONCRETE AREA:   121967.92 Sq.mm.

MAIN REINFORCEMENT : Provide 12 - 12 dia. (0.67%,   1357.17 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :   2570.85   Muz1 :      153.16   Muy1 :      153.16

INTERACTION RATIO: 0.15 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:      9END JOINT:   115 Puz :   2685.28   Muz :      168.74   Muy :      168.74   IR: 0.14  
=====

## C O L U M N   N O .      197   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      1 END JOINT:      116   TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 105.59 Muy1 : 105.59

INTERACTION RATIO: 0.07 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 6  
 END JOINT: 121 Puz : 2820.99 Muz : 121.37 Muy : 121.37 IR: 0.19  
 =====

## C O L U M N N O . 198 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 1 END JOINT: 117 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.98 Muy1 : 108.98

INTERACTION RATIO: 0.12 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 6  
 END JOINT: 122 Puz : 2820.99 Muz : 121.37 Muy : 121.37 IR: 0.19

STAAD SPACE

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## C O L U M N   N O .      199   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      3 END JOINT:      118   TENSION COLUMN

REQD. STEEL AREA      :      1620.00 Sq.mm.

REQD. CONCRETE AREA:   200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,   1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :   2764.13   Muz1 :      109.18   Muy1 :      109.18

INTERACTION RATIO: 0.02 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:      6END JOINT:   123 Puz :   2820.99   Muz :      121.37   Muy :      121.37   IR: 0.19  
=====

## C O L U M N   N O .      200   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      9 END JOINT:      119   SHORT COLUMN

STAAD SPACE

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REQD. STEEL AREA : 993.71 Sq.mm.  
 REQD. CONCRETE AREA: 124213.44 Sq.mm.  
 MAIN REINFORCEMENT : Provide 12 - 12 dia. (0.67%, 1357.17 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2576.24 Muz1 : 152.45 Muy1 : 152.45

INTERACTION RATIO: 0.15 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 119 Puz : 2685.28 Muz : 167.29 Muy : 167.29 IR: 0.14  
 =====

## C O L U M N N O . 201 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 9 END JOINT: 120 SHORT COLUMN

REQD. STEEL AREA : 781.15 Sq.mm.  
 REQD. CONCRETE AREA: 97643.95 Sq.mm.  
 MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.45%, 904.78 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2512.47 Muz1 : 155.94 Muy1 : 155.94

INTERACTION RATIO: 0.14 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 6  
 END JOINT: 125 Puz : 2549.56 Muz : 63.90 Muy : 63.90 IR: 0.36



STAAD SPACE

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## =====

## C O L U M N   N O .      202   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm    CROSS SECTION: 450.0 mm X 450.0 mm    COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:    121    TENSION COLUMN

REQD. STEEL AREA    :    1620.00 Sq.mm.

REQD. CONCRETE AREA: 200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz : 2764.13    Muz1 : 106.98    Muy1 : 106.98

INTERACTION RATIO: 0.06 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:    9END JOINT: 126 Puz : 2820.99    Muz : 195.28    Muy : 195.28    IR: 0.17  
=====

## =====

## C O L U M N   N O .      203   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm    CROSS SECTION: 450.0 mm X 450.0 mm    COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:    122    TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.97 Muy1 : 108.97

INTERACTION RATIO: 0.10 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 6  
 END JOINT: 127 Puz : 2820.99 Muz : 121.40 Muy : 121.40 IR: 0.17  
 =====

## C O L U M N N O . 204 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 3 END JOINT: 123 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.18 Muy1 : 109.18

INTERACTION RATIO: 0.01 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 6  
 END JOINT: 128 Puz : 2820.99 Muz : 121.40 Muy : 121.40 IR: 0.17

STAAD SPACE

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## C O L U M N   N O .   205   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:   9 END JOINT:   124   SHORT COLUMN

REQD. STEEL AREA :        743.43 Sq.mm.

REQD. CONCRETE AREA:    92928.40 Sq.mm.

MAIN REINFORCEMENT : Provide   8 - 12 dia. (0.45%,    904.78 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide   8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :   2501.15   Muz1 :    154.56   Muy1 :    154.56

INTERACTION RATIO: 0.14 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:        5END JOINT:   129 Puz :   2549.56   Muz :       63.93   Muy :       63.93   IR: 0.33  
=====

## C O L U M N   N O .   206   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:   9 END JOINT:   125   SHORT COLUMN

STAAD SPACE

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REQD. STEEL AREA : 586.00 Sq.mm.  
 REQD. CONCRETE AREA: 73250.56 Sq.mm.  
 MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.45%, 904.78 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2453.93 Muz1 : 142.71 Muy1 : 142.71

INTERACTION RATIO: 0.19 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 6  
 END JOINT: 130 Puz : 2549.56 Muz : 63.92 Muy : 63.92 IR: 0.32  
 =====

## C O L U M N N O . 207 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 1 END JOINT: 126 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.12 Muy1 : 108.12

INTERACTION RATIO: 0.04 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 126 Puz : 2820.99 Muz : 184.18 Muy : 184.18 IR: 0.20

STAAD SPACE

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## C O L U M N   N O .      208   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:    127   TENSION COLUMN

REQD. STEEL AREA    :    1620.00 Sq.mm.

REQD. CONCRETE AREA: 200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,    1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :    2764.13    Muz1 :    109.00    Muy1 :    109.00

INTERACTION RATIO: 0.08 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:        6END JOINT:    132 Puz :    2820.99    Muz :    121.34    Muy :    121.34    IR: 0.14  
=====

## C O L U M N   N O .      209   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    3 END JOINT:    128   TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.18 Muy1 : 109.18

INTERACTION RATIO: 0.01 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 6  
 END JOINT: 133 Puz : 2820.99 Muz : 121.34 Muy : 121.34 IR: 0.14  
 =====

## C O L U M N N O . 210 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 9 END JOINT: 129 SHORT COLUMN

REQD. STEEL AREA : 496.15 Sq.mm.  
 REQD. CONCRETE AREA: 62018.42 Sq.mm.  
 MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.45%, 904.78 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2426.97 Muz1 : 131.13 Muy1 : 131.13

INTERACTION RATIO: 0.16 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 5  
 END JOINT: 134 Puz : 2549.56 Muz : 63.86 Muy : 63.86 IR: 0.26

STAAD SPACE

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## C O L U M N   N O .   211   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:   9 END JOINT:   130   SHORT COLUMN

REQD. STEEL AREA :        390.43 Sq.mm.

REQD. CONCRETE AREA:    48803.22 Sq.mm.

MAIN REINFORCEMENT : Provide   8 - 12 dia. (0.45%,    904.78 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide   8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :   2395.25   Muz1 :    112.89   Muy1 :    112.89

INTERACTION RATIO: 0.31 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:        9END JOINT:   135 Puz :   2549.56   Muz :    133.86   Muy :    133.86   IR: 0.26  
=====

## C O L U M N   N O .   212   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:   1 END JOINT:   131   TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.87 Muy1 : 108.87

INTERACTION RATIO: 0.01 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 136 Puz : 2820.99 Muz : 147.42 Muy : 147.42 IR: 0.35  
 =====

## C O L U M N N O . 213 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 1 END JOINT: 132 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.10 Muy1 : 109.10

INTERACTION RATIO: 0.04 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 137 Puz : 2820.99 Muz : 157.40 Muy : 157.40 IR: 0.15



STAAD SPACE

-- PAGE NO. 537

## =====

## C O L U M N   N O .      214   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      1 END JOINT:      133   TENSION COLUMN

REQD. STEEL AREA      :      1620.00 Sq.mm.

REQD. CONCRETE AREA:   200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,   1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :   2764.13    Muz1 :    109.18    Muy1 :    109.18

INTERACTION RATIO: 0.04 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:      9END JOINT:   138 Puz :   2820.99    Muz :    158.37    Muy :    158.37    IR: 0.11  
=====

## =====

## C O L U M N   N O .      215   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      9 END JOINT:      134   SHORT COLUMN

STAAD SPACE

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REQD. STEEL AREA : 252.28 Sq.mm.  
 REQD. CONCRETE AREA: 31535.27 Sq.mm.  
 MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.45%, 904.78 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2353.81 Muz1 : 81.50 Muy1 : 81.50

INTERACTION RATIO: 0.25 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 139 Puz : 2549.56 Muz : 108.47 Muy : 108.47 IR: 0.21  
 =====

## C O L U M N N O . 216 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 9 END JOINT: 140 SHORT COLUMN

REQD. STEEL AREA : 226.35 Sq.mm.  
 REQD. CONCRETE AREA: 28293.75 Sq.mm.  
 MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.45%, 904.78 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2346.03 Muz1 : 52.52 Muy1 : 52.52

INTERACTION RATIO: 0.98 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 140 Puz : 2549.56 Muz : 95.46 Muy : 95.46 IR: 0.54

STAAD SPACE

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## C O L U M N   N O .      241   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:    141   TENSION COLUMN

REQD. STEEL AREA    :    1620.00 Sq.mm.

REQD. CONCRETE AREA: 200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz : 2764.13    Muz1 : 102.71    Muy1 : 102.71

INTERACTION RATIO: 0.14 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:    6END JOINT: 141 Puz : 2820.99    Muz : 131.62    Muy : 131.62    IR: 0.20  
=====

## C O L U M N   N O .      242   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:    142   TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.16 Muy1 : 109.16

INTERACTION RATIO: 0.14 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 6  
 END JOINT: 142 Puz : 2820.99 Muz : 131.74 Muy : 131.74 IR: 0.20  
 =====

## C O L U M N N O . 243 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 9 END JOINT: 143 SHORT COLUMN

REQD. STEEL AREA : 1194.54 Sq.mm.  
 REQD. CONCRETE AREA: 149317.45 Sq.mm.  
 MAIN REINFORCEMENT : Provide 12 - 12 dia. (0.67%, 1357.17 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2636.49 Muz1 : 140.03 Muy1 : 140.03

INTERACTION RATIO: 0.18 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 143 Puz : 2685.28 Muz : 147.18 Muy : 147.18 IR: 0.17

STAAD SPACE

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## =====

## C O L U M N   N O .       244   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:       3 END JOINT:       144   TENSION COLUMN

REQD. STEEL AREA :       1620.00 Sq.mm.

REQD. CONCRETE AREA: 200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz : 2764.13   Muz1 : 109.18   Muy1 : 109.18

INTERACTION RATIO: 0.03 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:       5END JOINT: 144 Puz : 2820.99   Muz : 121.05   Muy : 121.05   IR: 0.24  
=====

## =====

## C O L U M N   N O .       245   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:       9 END JOINT:       145   SHORT COLUMN

STAAD SPACE

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REQD. STEEL AREA : 912.25 Sq.mm.  
 REQD. CONCRETE AREA: 114031.74 Sq.mm.  
 MAIN REINFORCEMENT : Provide 12 - 12 dia. (0.67%, 1357.17 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2551.80 Muz1 : 155.14 Muy1 : 155.14

INTERACTION RATIO: 0.14 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 145 Puz : 2685.28 Muz : 173.49 Muy : 173.49 IR: 0.13  
 =====

## C O L U M N N O . 246 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 1 END JOINT: 146 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 104.13 Muy1 : 104.13

INTERACTION RATIO: 0.08 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 7  
 END JOINT: 151 Puz : 2820.99 Muz : 187.92 Muy : 187.92 IR: 0.13

STAAD SPACE

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## C O L U M N   N O .      247   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:    147   TENSION COLUMN

REQD. STEEL AREA    :    1620.00 Sq.mm.

REQD. CONCRETE AREA: 200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz : 2764.13    Muz1 : 109.04    Muy1 : 109.04

INTERACTION RATIO: 0.13 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:    9END JOINT: 147 Puz : 2820.99    Muz : 186.37    Muy : 186.37    IR: 0.13  
=====

## C O L U M N   N O .      248   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    3 END JOINT:    148   TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.18 Muy1 : 109.18

INTERACTION RATIO: 0.02 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 148 Puz : 2820.99 Muz : 184.24 Muy : 184.24 IR: 0.13  
 =====

## C O L U M N N O . 249 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 9 END JOINT: 149 SHORT COLUMN

REQD. STEEL AREA : 975.74 Sq.mm.  
 REQD. CONCRETE AREA: 121967.92 Sq.mm.  
 MAIN REINFORCEMENT : Provide 12 - 12 dia. (0.67%, 1357.17 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2570.85 Muz1 : 153.16 Muy1 : 153.16

INTERACTION RATIO: 0.15 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 149 Puz : 2685.28 Muz : 168.74 Muy : 168.74 IR: 0.14



STAAD SPACE

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## C O L U M N    N O .    250    D E S I G N    R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm    CROSS SECTION: 450.0 mm X 450.0 mm    COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    9 END JOINT:    150    SHORT COLUMN

REQD. STEEL AREA :    767.25 Sq.mm.

REQD. CONCRETE AREA:    95906.09 Sq.mm.

MAIN REINFORCEMENT : Provide    8 - 12 dia. (0.45%,    904.78 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide    8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :    2508.30    Muz1 :    155.51    Muy1 :    155.51

INTERACTION RATIO: 0.14 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:    5END JOINT:    150    Puz :    2549.56    Muz :    72.87    Muy :    72.87    IR: 0.21  
=====

## C O L U M N    N O .    251    D E S I G N    R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm    CROSS SECTION: 450.0 mm X 450.0 mm    COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:    151    TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 105.65 Muy1 : 105.65

INTERACTION RATIO: 0.07 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 156 Puz : 2820.99 Muz : 196.96 Muy : 196.96 IR: 0.14  
 =====

## C O L U M N N O . 252 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 1 END JOINT: 152 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.98 Muy1 : 108.98

INTERACTION RATIO: 0.12 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 157 Puz : 2820.99 Muz : 200.07 Muy : 200.07 IR: 0.13

STAAD SPACE

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## C O L U M N   N O .      253   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      3 END JOINT:      153   TENSION COLUMN

REQD. STEEL AREA      :      1620.00 Sq.mm.

REQD. CONCRETE AREA: 200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz : 2764.13    Muz1 : 109.18    Muy1 : 109.18

INTERACTION RATIO: 0.02 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:      7END JOINT: 158 Puz : 2820.99    Muz : 188.45    Muy : 188.45    IR: 0.13  
=====

## C O L U M N   N O .      254   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      9 END JOINT:      154   SHORT COLUMN

STAAD SPACE

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REQD. STEEL AREA : 781.15 Sq.mm.  
 REQD. CONCRETE AREA: 97643.95 Sq.mm.  
 MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.45%, 904.78 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2512.47 Muz1 : 155.94 Muy1 : 155.94

INTERACTION RATIO: 0.14 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 5  
 END JOINT: 159 Puz : 2549.56 Muz : 63.90 Muy : 63.90 IR: 0.36  
 =====

## C O L U M N N O . 255 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 9 END JOINT: 155 SHORT COLUMN

REQD. STEEL AREA : 617.38 Sq.mm.  
 REQD. CONCRETE AREA: 77172.73 Sq.mm.  
 MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.45%, 904.78 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2463.34 Muz1 : 145.98 Muy1 : 145.98

INTERACTION RATIO: 0.15 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 5  
 END JOINT: 160 Puz : 2549.56 Muz : 70.00 Muy : 70.00 IR: 0.20

STAAD SPACE

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## C O L U M N   N O .      256   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      1 END JOINT:      156   TENSION COLUMN

REQD. STEEL AREA      :      1620.00 Sq.mm.

REQD. CONCRETE AREA:   200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,   1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :   2764.13   Muz1 :      107.03   Muy1 :      107.03

INTERACTION RATIO: 0.05 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:      9END JOINT:   161 Puz :   2820.99   Muz :      185.16   Muy :      185.16   IR: 0.22  
=====

## C O L U M N   N O .      257   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      1 END JOINT:      157   TENSION COLUMN

STAAD SPACE

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.97 Muy1 : 108.97

INTERACTION RATIO: 0.10 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 162 Puz : 2820.99 Muz : 195.28 Muy : 195.28 IR: 0.17  
 =====

## C O L U M N N O . 258 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 3 END JOINT: 158 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.18 Muy1 : 109.18

INTERACTION RATIO: 0.01 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 163 Puz : 2820.99 Muz : 196.29 Muy : 196.29 IR: 0.17

STAAD SPACE

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## C O L U M N   N O .      259   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      9 END JOINT:      159   SHORT COLUMN

REQD. STEEL AREA      :      586.00 Sq.mm.

REQD. CONCRETE AREA:      73250.56 Sq.mm.

MAIN REINFORCEMENT : Provide      8 - 12 dia. (0.45%,      904.78 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide      8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :      2453.93      Muz1 :      142.71      Muy1 :      142.71

INTERACTION RATIO: 0.19 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:      5END JOINT:      164   Puz :      2549.56      Muz :      63.92      Muy :      63.92      IR: 0.32  
=====

## C O L U M N   N O .      260   D E S I G N   R E S U L T S

M25                      Fe415 (Main)                      Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      9 END JOINT:      160   SHORT COLUMN

STAAD SPACE

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REQD. STEEL AREA : 464.22 Sq.mm.  
 REQD. CONCRETE AREA: 58027.23 Sq.mm.  
 MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.45%, 904.78 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2417.39 Muz1 : 126.18 Muy1 : 126.18

INTERACTION RATIO: 0.25 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 165 Puz : 2549.56 Muz : 143.08 Muy : 143.08 IR: 0.27  
 =====

## C O L U M N N O . 261 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 1 END JOINT: 161 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.15 Muy1 : 108.15

INTERACTION RATIO: 0.04 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 166 Puz : 2820.99 Muz : 166.43 Muy : 166.43 IR: 0.23



STAAD SPACE

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## C O L U M N   N O .      262   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:    162   TENSION COLUMN

REQD. STEEL AREA    :    1620.00 Sq.mm.

REQD. CONCRETE AREA: 200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%,   1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :   2764.13    Muz1 :    109.00    Muy1 :    109.00

INTERACTION RATIO: 0.07 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:        9END JOINT:   162 Puz :   2820.99    Muz :    184.18    Muy :    184.18    IR: 0.20  
=====

## C O L U M N   N O .      263   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    3 END JOINT:    163   TENSION COLUMN

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.18 Muy1 : 109.18

INTERACTION RATIO: 0.01 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 163 Puz : 2820.99 Muz : 185.29 Muy : 185.29 IR: 0.21  
 =====

## C O L U M N N O . 264 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 9 END JOINT: 164 SHORT COLUMN

REQD. STEEL AREA : 390.43 Sq.mm.  
 REQD. CONCRETE AREA: 48803.22 Sq.mm.  
 MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.45%, 904.78 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2395.25 Muz1 : 112.89 Muy1 : 112.89

INTERACTION RATIO: 0.31 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 169 Puz : 2549.56 Muz : 133.86 Muy : 133.86 IR: 0.26

STAAD SPACE

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## =====

## C O L U M N   N O .      265   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      9 END JOINT:      165   SHORT COLUMN

REQD. STEEL AREA :      308.62 Sq.mm.

REQD. CONCRETE AREA:      38578.07 Sq.mm.

MAIN REINFORCEMENT : Provide   8 - 12 dia. (0.45%,      904.78 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide   8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz :    2370.71    Muz1 :      95.42    Muy1 :      95.42

INTERACTION RATIO: 0.43 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:      9END JOINT:    170 Puz :    2549.56    Muz :      119.96    Muy :      119.96    IR: 0.33  
=====

## =====

## C O L U M N   N O .      266   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:      1 END JOINT:      166   TENSION COLUMN

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REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 108.88 Muy1 : 108.88

INTERACTION RATIO: 0.01 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 171 Puz : 2820.99 Muz : 139.28 Muy : 139.28 IR: 0.48  
 =====

## C O L U M N N O . 267 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 1 END JOINT: 167 TENSION COLUMN

REQD. STEEL AREA : 1620.00 Sq.mm.  
 REQD. CONCRETE AREA: 200880.00 Sq.mm.  
 MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2764.13 Muz1 : 109.10 Muy1 : 109.10

INTERACTION RATIO: 0.04 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 172 Puz : 2820.99 Muz : 147.42 Muy : 147.42 IR: 0.35

STAAD SPACE

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## =====

## C O L U M N   N O .        268   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    1 END JOINT:    168   TENSION COLUMN

REQD. STEEL AREA    :    1620.00 Sq.mm.

REQD. CONCRETE AREA: 200880.00 Sq.mm.

MAIN REINFORCEMENT : Provide 16 - 12 dia. (0.89%, 1809.56 Sq.mm.)  
(Equally distributed)

TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
Puz : 2764.13    Muz1 : 109.18    Muy1 : 109.18

INTERACTION RATIO: 0.04 (as per Cl. 39.6, IS456:2000)

SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
WORST LOAD CASE:    9END JOINT: 173 Puz : 2820.99    Muz : 148.21    Muy : 148.21    IR: 0.32  
=====

## =====

## C O L U M N   N O .        269   D E S I G N   R E S U L T S

M25

Fe415 (Main)

Fe415 (Sec.)

LENGTH: 3000.0 mm   CROSS SECTION: 450.0 mm X 450.0 mm   COVER: 40.0 mm

\*\* GUIDING LOAD CASE:    9 END JOINT:    174   SHORT COLUMN

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REQD. STEEL AREA : 226.35 Sq.mm.  
 REQD. CONCRETE AREA: 28293.75 Sq.mm.  
 MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.45%, 904.78 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2346.03 Muz1 : 52.52 Muy1 : 52.52

INTERACTION RATIO: 0.98 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 174 Puz : 2549.56 Muz : 95.46 Muy : 95.46 IR: 0.54  
 =====

## C O L U M N N O . 270 D E S I G N R E S U L T S

M25 Fe415 (Main) Fe415 (Sec.)

LENGTH: 3000.0 mm CROSS SECTION: 450.0 mm X 450.0 mm COVER: 40.0 mm

\*\* GUIDING LOAD CASE: 9 END JOINT: 175 SHORT COLUMN

REQD. STEEL AREA : 634.09 Sq.mm.  
 REQD. CONCRETE AREA: 79261.62 Sq.mm.  
 MAIN REINFORCEMENT : Provide 8 - 12 dia. (0.45%, 904.78 Sq.mm.)  
 (Equally distributed)  
 TIE REINFORCEMENT : Provide 8 mm dia. rectangular ties @ 190 mm c/c

## SECTION CAPACITY BASED ON REINFORCEMENT REQUIRED (KNS-MET)

-----  
 Puz : 2468.35 Muz1 : 67.90 Muy1 : 67.90

INTERACTION RATIO: 0.99 (as per Cl. 39.6, IS456:2000)

## SECTION CAPACITY BASED ON REINFORCEMENT PROVIDED (KNS-MET)

-----  
 WORST LOAD CASE: 9  
 END JOINT: 175 Puz : 2549.56 Muz : 85.02 Muy : 85.02 IR: 0.79

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=====

\*\*\*\*\*END OF COLUMN DESIGN RESULTS\*\*\*\*\*

175. CONCRETE TAKE

176. END CONCRETE DESIGN

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\*\*\*\*\* CONCRETE TAKE OFF \*\*\*\*\*

(FOR BEAMS, COLUMNS AND PLATES DESIGNED ABOVE)

NOTE: CONCRETE QUANTITY REPRESENTS VOLUME OF CONCRETE IN BEAMS, COLUMNS, AND PLATES DESIGNED ABOVE.

REINFORCING STEEL QUANTITY REPRESENTS REINFORCING STEEL IN BEAMS AND COLUMNS DESIGNED ABOVE.

REINFORCING STEEL IN PLATES IS NOT INCLUDED IN THE REPORTED QUANTITY.

TOTAL VOLUME OF CONCRETE = 206.3 CU.METER

BAR DIA (in mm)	WEIGHT (in New)
-----	-----
8	35445
10	31167
12	61126
16	372
	-----
*** TOTAL=	128110

177. FINISH

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

\*\*\*\* DATE= OCT 26,2020 TIME= 10: 5:29 \*\*\*\*

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*****
*           For questions on STAAD.Pro, please contact           *
*           Bentley Systems or Partner offices                     *
*                                                                 *
*           Telephone                               Web / Email   *
*   USA      +1 (714) 974-2500                          *
*   UK       +44 (0) 808 101 9246                         *
*   SINGAPORE +65 6225-6158                              *
*   FRANCE   +33 (0) 1 55238400                          *
*   GERMANY  +49 0931 40468                              *
*   INDIA    +91 (033) 4006-2021                          *
*   JAPAN    +81 (03)5952-6500   http://www.ctc-g.co.jp      *
*   CHINA    +86 21 6288 4040                             *
*   THAILAND +66 (0)2645-1018/19 partha.p@reisoftwareth.com*
*                                                                 *
*   Worldwide http://selectservices.bentley.com/en-US/      *
*                                                                 *
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