

SCHEDULE OF COMBINED FOUNDATION :-

SCHEDULE OF TYPICAL FLOOR BEAM & THE BEAM:-

BEAM NO.	SPAN (M)	DESIGN LOADS	DESIGN MOMENT (KNm)	DESIGN SHEAR (kN)
1	1.8	...	...	...
2	2.1	...	...	...
3	2.4	...	...	...
4	2.7	...	...	...
5	3.0	...	...	...
6	3.3	...	...	...
7	3.6	...	...	...
8	3.9	...	...	...
9	4.2	...	...	...
10	4.5	...	...	...

SCHEDULE OF RIB BEAM:-

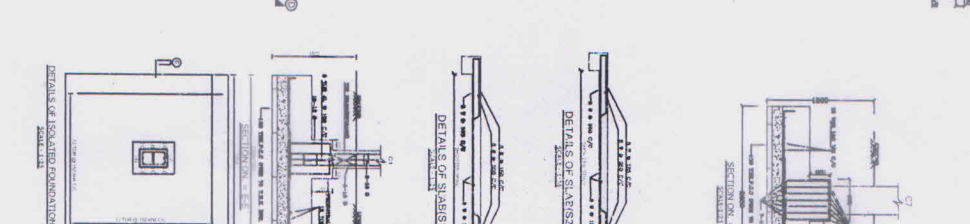
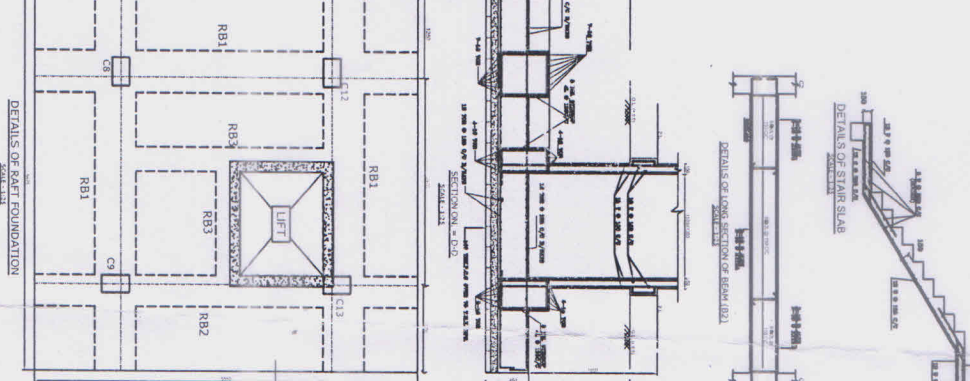
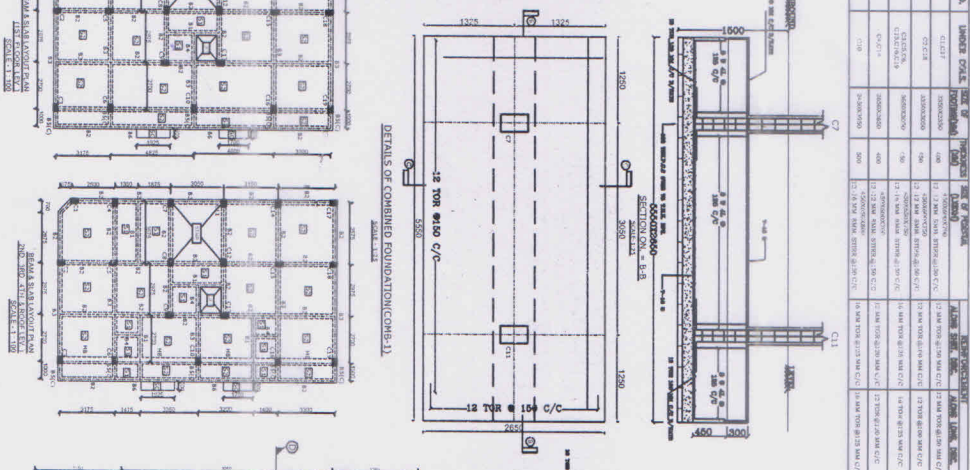
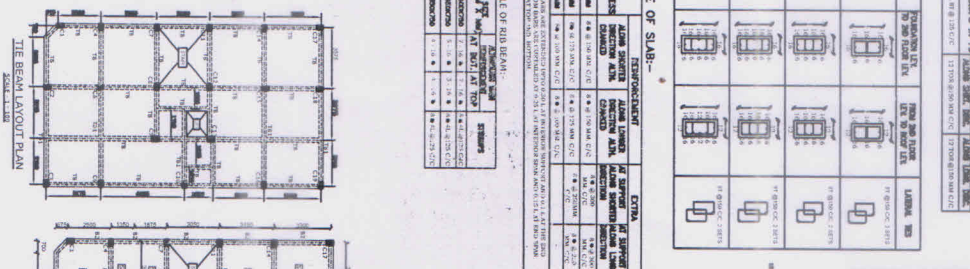
BEAM NO.	SPAN (M)	DESIGN LOADS	DESIGN MOMENT (KNm)	DESIGN SHEAR (kN)
1	1.5	...	...	...
2	2.0	...	...	...
3	2.5	...	...	...
4	3.0	...	...	...
5	3.5	...	...	...

SCHEDULE OF SLAB:-

SLAB NO.	THICKNESS (MM)	DESIGN LOADS	DESIGN MOMENT (KNm)	DESIGN SHEAR (kN)
1	120	...	...	...
2	150	...	...	...
3	180	...	...	...
4	210	...	...	...

COLIUM SCHEDULE

COLIUM NO.	SECTION	DESIGN LOADS	DESIGN MOMENT (KNm)	DESIGN SHEAR (kN)
1	300 x 300	...	...	...
2	400 x 400	...	...	...
3	500 x 500	...	...	...



STRUCTURAL DRAWING OF PROPOSED GATED RESIDENTIAL BUILDING USE ALONG WITH K.M.C. BUILDING RITE 2008, ALPHESS NO. 28, JAYRIZ PARK, K.M.C. NO. 28, SHANMUGA NAGAR, K.M.C.

PROVISIONS:-

1. All structural members shall be designed in accordance with IS:456-2000 and IS:800-1984.
2. The minimum clear height of all rooms shall be 2.4 meters.
3. The maximum length of any room shall not exceed 4.5 meters.
4. The maximum width of any room shall not exceed 3.0 meters.
5. The maximum area of any room shall not exceed 120 square meters.
6. The maximum height of any room shall not exceed 3.0 meters.
7. The minimum thickness of all walls shall be 200 mm.
8. The minimum thickness of all floors shall be 120 mm.
9. The minimum thickness of all ceilings shall be 100 mm.
10. The minimum thickness of all roofs shall be 150 mm.
11. The minimum thickness of all external walls shall be 230 mm.
12. The minimum thickness of all external roofs shall be 200 mm.
13. The minimum thickness of all external ceilings shall be 100 mm.
14. The minimum thickness of all external floors shall be 150 mm.
15. The minimum thickness of all external walls shall be 230 mm.
16. The minimum thickness of all external roofs shall be 200 mm.
17. The minimum thickness of all external ceilings shall be 100 mm.
18. The minimum thickness of all external floors shall be 150 mm.
19. The minimum thickness of all external walls shall be 230 mm.
20. The minimum thickness of all external roofs shall be 200 mm.
21. The minimum thickness of all external ceilings shall be 100 mm.
22. The minimum thickness of all external floors shall be 150 mm.
23. The minimum thickness of all external walls shall be 230 mm.
24. The minimum thickness of all external roofs shall be 200 mm.
25. The minimum thickness of all external ceilings shall be 100 mm.
26. The minimum thickness of all external floors shall be 150 mm.
27. The minimum thickness of all external walls shall be 230 mm.
28. The minimum thickness of all external roofs shall be 200 mm.
29. The minimum thickness of all external ceilings shall be 100 mm.
30. The minimum thickness of all external floors shall be 150 mm.
31. The minimum thickness of all external walls shall be 230 mm.
32. The minimum thickness of all external roofs shall be 200 mm.
33. The minimum thickness of all external ceilings shall be 100 mm.
34. The minimum thickness of all external floors shall be 150 mm.
35. The minimum thickness of all external walls shall be 230 mm.
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37. The minimum thickness of all external ceilings shall be 100 mm.
38. The minimum thickness of all external floors shall be 150 mm.
39. The minimum thickness of all external walls shall be 230 mm.
40. The minimum thickness of all external roofs shall be 200 mm.
41. The minimum thickness of all external ceilings shall be 100 mm.
42. The minimum thickness of all external floors shall be 150 mm.
43. The minimum thickness of all external walls shall be 230 mm.
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50. The minimum thickness of all external floors shall be 150 mm.