

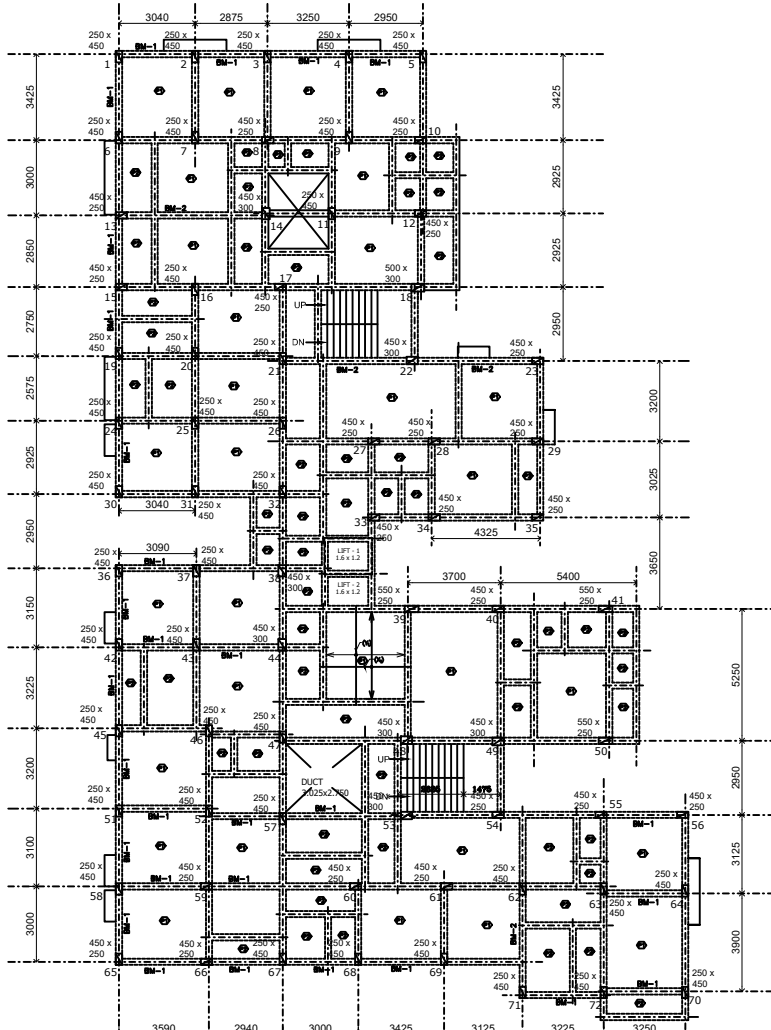
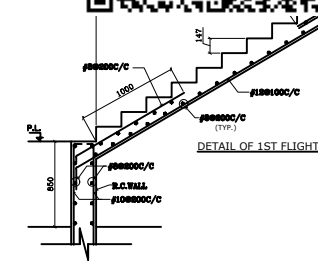
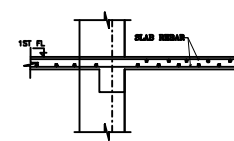
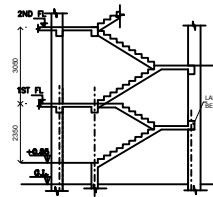
SCHEDULE OF SLAB & ROOF REIN.									
NO.	SPAN (m)	TYPE	REIN. AT TOP	REIN. AT BOTTOM	REIN. AT ROOF	REIN. AT ROOF	REIN. AT ROOF	REIN. AT ROOF	REIN. AT ROOF
BM-1	250 x 350	TOP 2-#16	12-#16	12-#16	12-#16	12-#16	12-#16	12-#16	12-#16
BM-2	250 x 350	TOP 2-#16	12-#16	12-#16	12-#16	12-#16	12-#16	12-#16	12-#16
BM-3	250 x 350	TOP 2-#16	12-#16	12-#16	12-#16	12-#16	12-#16	12-#16	12-#16

- CURTAIN WALLS REINFORCEMENT WILL BE AS SHOWN IN TYPICAL DRAWING & CURTAINMENT OF EXTRA TOP/BOT. REINFORCEMENT TO BE ADDED FOR SPAN LESS THAN 2.40 m.
- FOR CORNER SUPPORT LOOSEN REINFORCEMENT SHOULD BE FOLLOWED, IF DIFFERENT AS PER ROW SCHEDULE.
- "<" SECOND LAYER (TOP & BOT AS APPLICABLE)

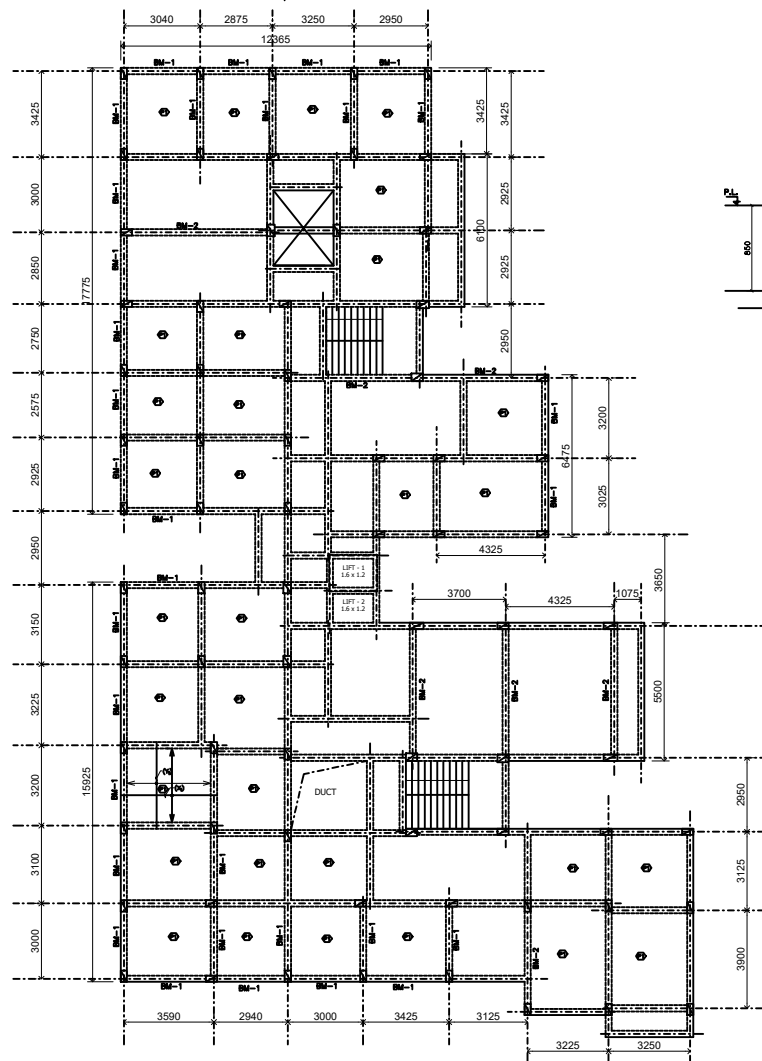
SCHEDULE OF TOP-SLAB REIN.									
NO.	SPAN (m)	TYPE	REIN. AT TOP	REIN. AT BOTTOM	REIN. AT ROOF	REIN. AT ROOF	REIN. AT ROOF	REIN. AT ROOF	REIN. AT ROOF
BM-1	250 x 350	TOP 2-#16	12-#16	12-#16	12-#16	12-#16	12-#16	12-#16	12-#16
BM-2	250 x 350	TOP 2-#16	12-#16	12-#16	12-#16	12-#16	12-#16	12-#16	12-#16
BM-3	250 x 350	TOP 2-#16	12-#16	12-#16	12-#16	12-#16	12-#16	12-#16	12-#16

- ALL OTHERS * UNMARKED * TOP REIN. ACROSS THE SUPPORT WILL BE #8@175/C OVER INTERMEDIATE SUPPORT AND #8@200/C FOR END SUPPORT.
- TOP BARS WILL BE EXTENDED FROM C/L OF SUPPORT UP TO A DISTANCE EQUAL TO 0.3 x SHORTER SPAN ON EITHER SIDE / ONE SIDE OF SUPPORT AS APPLICABLE UNLESS SPECIFIED IN PLAN.
- DISTRIBUTION BARS ARE #8 @200/C

SCHEDULE OF BOTTOM SLAB REIN.									
NO.	SPAN (m)	TYPE	REIN. AT TOP	REIN. AT BOTTOM	REIN. AT ROOF	REIN. AT ROOF	REIN. AT ROOF	REIN. AT ROOF	REIN. AT ROOF
BM-1	250 x 350	TOP 2-#16	12-#16	12-#16	12-#16	12-#16	12-#16	12-#16	12-#16
BM-2	250 x 350	TOP 2-#16	12-#16	12-#16	12-#16	12-#16	12-#16	12-#16	12-#16
BM-3	250 x 350	TOP 2-#16	12-#16	12-#16	12-#16	12-#16	12-#16	12-#16	12-#16



PLAN AT 2ND, 3RD, 4TH FLOOR LEVEL



PLAN AT ROOF LEVEL

G + 4 STORIED RESIDENTIAL BUILDING PLAN AT MOUZA - MALANCH, J. L. NO. - 78, R. S. DAG NO.- 60, L. R. DAG NO.- 74 R. S. KHATIAN NO. 45, L. R. KHATIAN NO. 3124, 3125, 3126, WARD NO.- 22, HOLDING NO.- 165 P. S. SONARPUR, DIST - 24 PARAGANAS (SOUTH), UNDER RAJPUR SONARPUR MUNICIPALITY.

DECLARATION OF STRUCTURAL ENGG.
THE STRUCTURAL DESIGN & DRAWING OF BOTH FOUNDATION & SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA & CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECT.

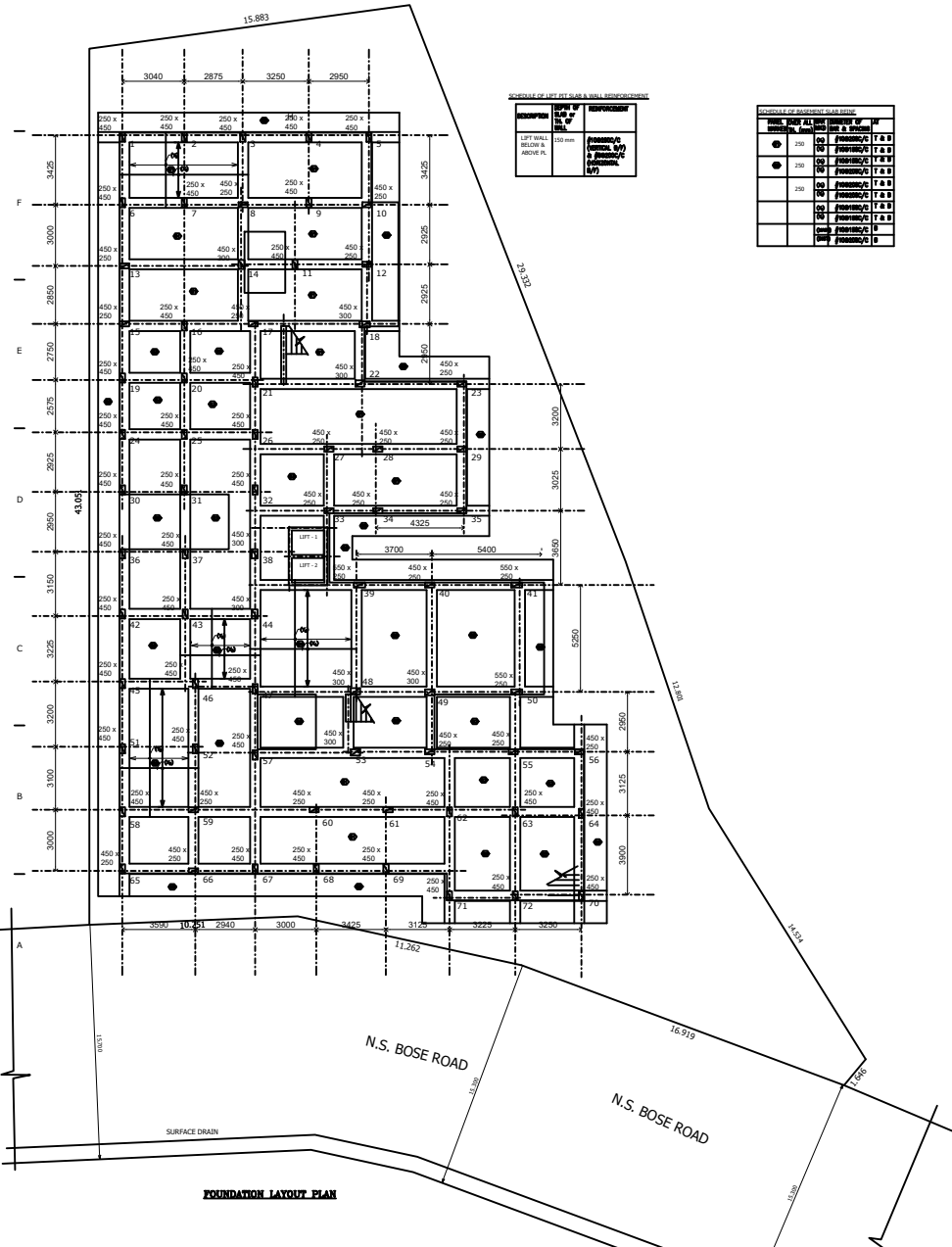
JIT CHAKRABORTY
E. S. E. NO. - 95, (CLASS - II)
RAJPUR SONARPUR MUNICIPALITY.
E. S. E. NO. - 263, (CLASS - I)
KOLKATA MUNICIPAL CORPORATION
M. TECH. (STRUCT. ENGG. W.B.)
M.I.E. (INDIA)
STRUCTURAL ENGG.

I HEREBY CERTIFY THAT PLANS, ELEVATIONS, SECTIONS OF THE BUILDING HAVE BEEN PREPARED IN CONFORMING WITH ALL RELEVANT PROVISION UNDER WEST BENGAL MUNICIPAL (BUILDING RULES) 2007.

ASHISTARU PAL
L. B. S. (CLASS - I)
LICENSE NO.- 848
RAJPUR SONARPUR MUNICIPALITY.
L. B. S. / CONSULTANT

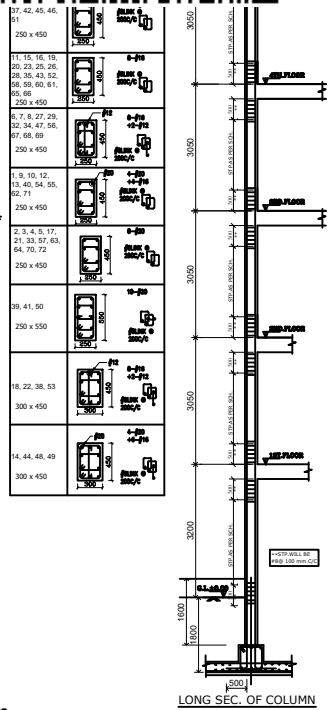
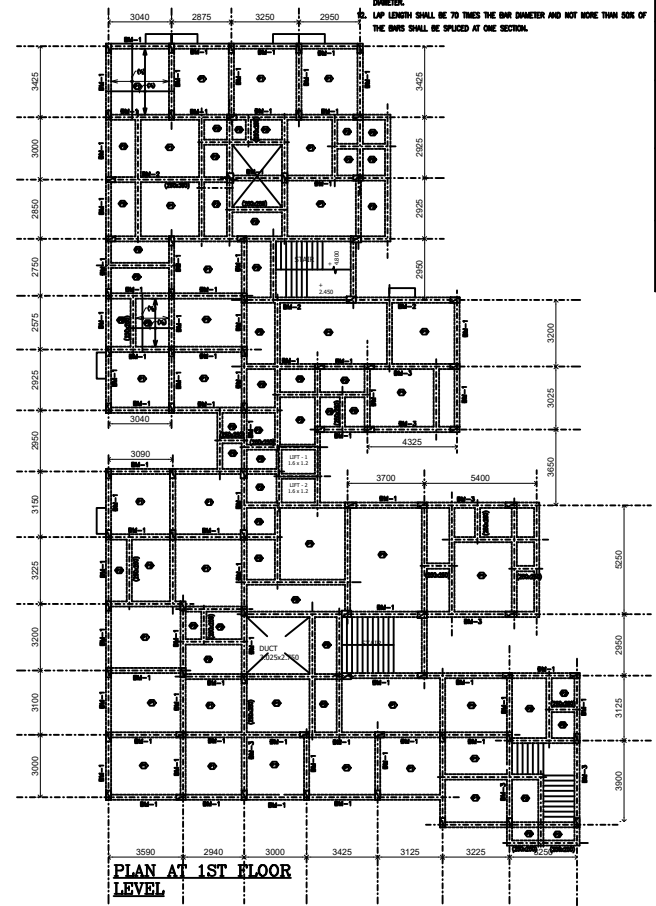
1. SUNDEEP KEDIA .
2. PRIYAMVADA GOEL .
3. RAM KISHOR GUPTA .
OWNERS

OFFICE USE ONLY



SCHEDULE OF REINFORCEMENT									
NO.	REINFORCEMENT	NO.	REINFORCEMENT	NO.	REINFORCEMENT	NO.	REINFORCEMENT	NO.	REINFORCEMENT
1	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100
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99	100	100	100	100	100	100	100	100	100
100	100	100	100	100	100	100	100	100	100

- NOTES:-
1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS.
 2. ALL DIMENSIONS ARE IN "mm" AND ALL LEVELS ARE IN "m" UNLESS MENTIONED.
 3. GRADE OF CONCRETE FOR R.C.C. IS CONFORMING TO IS 456 - 2000.
 4. THE REINFORCEMENT SHALL BE OF HIGH YIELD STRENGTH DEFORMED BARS IN ACCORDANCE WITH IS 1786-2008.
 5. FOUNDATION HAS BEEN DESIGNED FOR 0.4 R.C.C. FRAMED STRUCTURE.
 6. SURFACE PROTECTIVE MEASURE TO BE TAKEN DURING EXCAVATION OF FOUNDATION FOR SAFETY OF THE ADJACENT BUILDING.
 7. COVER TO MAIN REINFORCEMENT (a) FOUNDATION SLAB / BEAM - 50mm, (b) THE BEAM - 50mm, (c) COL. - 40mm, (d) FLOOR BEAM - 30mm & (e) FLOOR SLAB - 20mm.
 8. NOT MORE THAN SIZE OF THE BARS SHALL BE SPICED AT ONE SECTION.
 9. SPACING OF STIRRUP / HOOPS SHALL BE PROVIDED AS PER IS 13920 - 2014 FOR DUCTILE DETAILING REQUIREMENT.
 10. ALL STIRRUP / HOOPS SHALL BE PROVIDED WITH 135° HOOK WITH AN EXTENSION OF 60mm AND EMBEDDED IN THE COMPRESSED CONCRETE AS PER IS 13920 - 2014.
 11. DEVELOPMENT LENGTH (Ld) OF REINFORCEMENT SHALL BE 50 TIMES THE BAR DIAMETER.
 12. LAP LENGTH SHALL BE 70 TIMES THE BAR DIAMETER AND NOT MORE THAN SIZE OF THE BARS SHALL BE SPICED AT ONE SECTION.



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