SCHEDULE OF R.C.C. COLUMNS

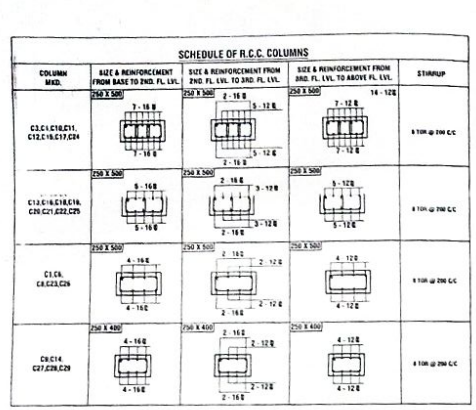
COLUMN MKD.	SIZE & REINFORCEMENT FROM BASE TO 2ND. FL. LVL.	SIZE & REINFORCEMENT FROM 2ND. FL. LVL. TO 3RD. FL. LVL.	SIZE & REINFORCEMENT FROM 3RD. FL. LVL. TO ABOVE FL. LVL.	STIRRUP
C3,C11,C10,C11, C12,C15,C17,C24	250 X 500	250 X 500	250 X 500	8 TOR @ 200 C/C
C13,C16,C18,C19, C20,C21,C22,C25	250 X 500	250 X 500	250 X 500	8 TOR @ 200 C/C
C1,C9, C8,C23,C26	250 X 500	250 X 500	250 X 500	8 TOR @ 200 C/C
C8,C14, C27,C28,C29	250 X 400	250 X 400	250 X 400	8 TOR @ 200 C/C

SCHEDULE OF R.C.C. BEAMS

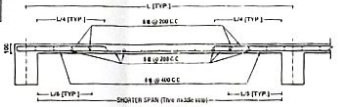
BEAM MKD.	BEAM SECTION	SIZE & REINFORCEMENT AT SUPPORT TOP	SIZE & REINFORCEMENT AT SUPPORT BOTTOM	STIRRUP AT SUPPORT	SIZE & REINFORCEMENT AT SPAN TOP	SIZE & REINFORCEMENT AT SPAN BOTTOM	STIRRUP AT SPAN
B1	250X450	3 - 16ϕ + 3 - 16ϕ	3 - 16ϕ	8 TOR 2L @ 125 C/C	3 - 16ϕ	3 - 16ϕ + 2 - 16ϕ	8 TOR 2L @ 125 C/C
B2	250X450	2 - 16ϕ + 3 - 16ϕ	3 - 12ϕ	8 TOR 2L @ 150 C/C	2 - 16ϕ	3 - 12ϕ + 2 - 16ϕ	8 TOR 2L @ 150 C/C
B3	250X450	2 - 16ϕ + 2 - 16ϕ	3 - 12ϕ	8 TOR 2L @ 200 C/C	2 - 16ϕ	3 - 12ϕ	8 TOR 2L @ 200 C/C
B4	250X450	2 - 16ϕ	2 - 16ϕ	8 TOR 2L @ 200 C/C	2 - 16ϕ	2 - 16ϕ	8 TOR 2L @ 200 C/C
B5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
B6	250X450	6 - 16ϕ	3 - 12ϕ	8 TOR 2L @ 125 C/C	6 - 16ϕ	3 - 12ϕ	8 TOR 2L @ 125 C/C
B7	250X450	4 - 16ϕ	3 - 12ϕ	8 TOR 2L @ 125 C/C	4 - 16ϕ	3 - 12ϕ	8 TOR 2L @ 125 C/C
TB1	250X350	2 - 16ϕ + 2 - 16ϕ	2 - 16ϕ	8 TOR 2L @ 150 C/C	2 - 16ϕ	2 - 16ϕ + 1 - 16ϕ	8 TOR 2L @ 150 C/C
TB2	250X350	2 - 12ϕ + 2 - 16ϕ	2 - 16ϕ	8 TOR 2L @ 200 C/C	2 - 12ϕ	2 - 16ϕ	8 TOR 2L @ 200 C/C
TB3	250X350	2 - 12ϕ	2 - 16ϕ	8 TOR 2L @ 200 C/C	2 - 12ϕ	2 - 16ϕ	8 TOR 2L @ 200 C/C

SCHEDULE OF R.C.C. SLABS

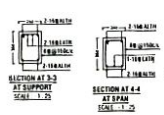
SLAB MKD	THICKNESS (mm)	REINFORCEMENT PARALLEL TO SHORTER DIRECTION AT MIDDLE SPAN	REINFORCEMENT PARALLEL TO SHORTER DIRECTION AT END SPAN	REINFORCEMENT PARALLEL TO LONGER DIRECTION AT MIDDLE SPAN	REINFORCEMENT PARALLEL TO LONGER DIRECTION AT END SPAN
S1	125	8ϕ @ 200 c/c (bott.)	8ϕ @ 200 c/c (top) 8ϕ @ 400 c/c (bott.)	8ϕ @ 200 c/c (bott.)	8ϕ @ 200 c/c (top & bott.)
S2	100	8ϕ @ 200 c/c (bott.)	8ϕ @ 200 c/c (top) 8ϕ @ 400 c/c (bott.)	8ϕ @ 200 c/c (bott.)	8ϕ @ 200 c/c (top & bott.)
S3	150	8ϕ @ 100 c/c (top & bott.)	8ϕ @ 100 c/c (top & bott.)	8ϕ @ 200 c/c (top & bott.)	8ϕ @ 200 c/c (top & bott.)
S4	100	8ϕ @ 100 c/c (top & bott.)	8ϕ @ 100 c/c (top & bott.)	8ϕ @ 200 c/c (top & bott.)	8ϕ @ 200 c/c (top & bott.)
S5	100	8ϕ @ 200 c/c (bindar)	8ϕ @ 200 c/c (bindar)	10ϕ @ 125 c/c (bott.)	10ϕ @ 125 c/c (top) 10ϕ @ 250 c/c (bott.)



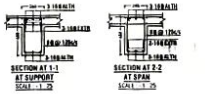
DETAILS OF SLAB (MKD - S1)
SECTION M-M
SCALE : 1 : 25



DETAILS OF SLAB (MKD - S2)
SECTION N-N
SCALE : 1 : 25



SCALE : 1 : 25



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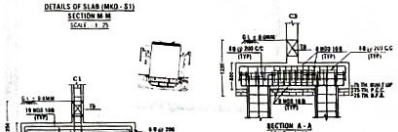
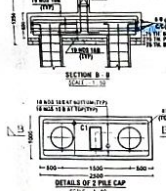
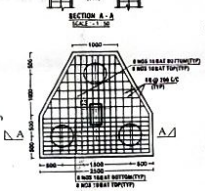
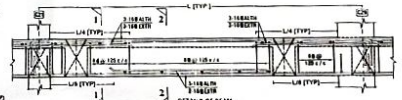
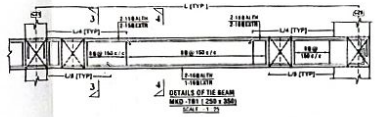


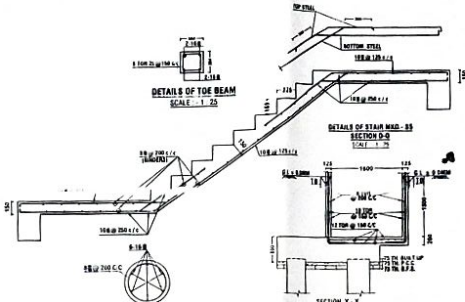
SCALE : 1 : 50

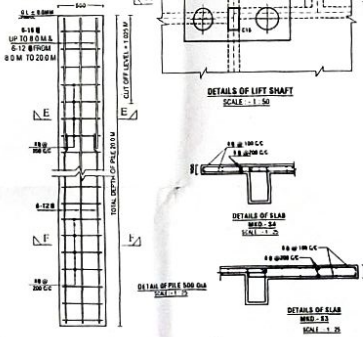

DETAILS OF 2 PILE CAP
SCALE : 1 : 50

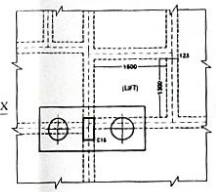

DETAILS OF 3 PILE CAP
SCALE : 1 : 50


DETAILS OF BEAM MKD - B1 (250 x 450)
SCALE : 1 : 25

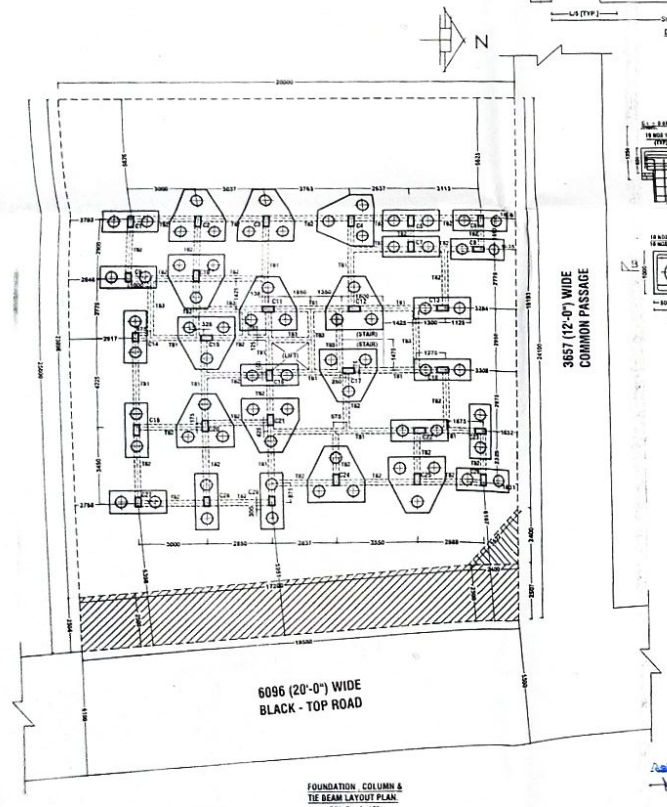

DETAILS OF TIE BEAM MKD - TB1 (250 x 350)
SCALE : 1 : 25



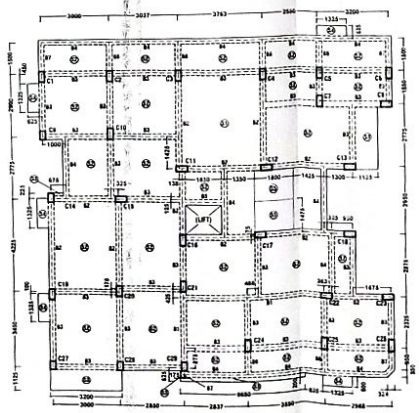


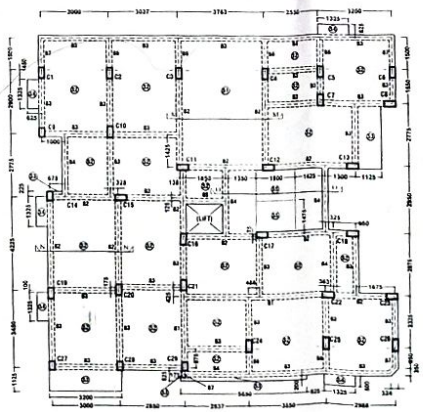

DETAILS OF LIFT SHAFT
SCALE : 1 : 50

SCALE : 1 : 25



FOUNDATION, COLUMN & TIE BEAM LAYOUT PLAN
SCALE : 1 : 100


FLOOR BEAM & SLAB LAYOUT PLAN AT 1ST FLOOR LEVEL
SCALE : 1 : 100


TYPICAL FLOOR BEAM & SLAB LAYOUT PLAN AT 2ND TO ROOF FLOOR LEVEL
SCALE : 1 : 100

Ashirbad Realty Pvt.Ltd
Director

SPECIFICATIONS

1. DEPTH OF PILE IS AT 20 M BELOW EXISTING G.L.
2. SAFE BEARING CAPACITY OF SOIL IS AS PER SOIL TEST REPORT.
3. FOUNDATIONS MUST BE PLACED WITH RESPECT TO THE CENTRE OF THE COLUMNS.
4. GRADE OF CONCRETE IS M 20 AND GRADE OF STEEL IS Fe 500.
5. CLEAR COVER TO MAIN REINFORCEMENT IS AS PER BELOW
   a) FOUNDATION 75 MM
   b) COLUMN 40 MM
   c) BEAM 25 MM
   d) SLAB 20 MM
6. ALL SLAB MUST BE MONOLYTHIC WITH SUPPORTING BEAM.
7. ALL OTHER SPECIFICATIONS AS PER NATIONAL BUILDING CODE OF INDIA.

AND SUPER STRUCTURE OF THE BUILDING HAS BEEN PREPARED/DESIGNED BY ME CONSIDERING AS PER IS1893 : 2002 INCLUDING THE SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE (N.B.C.) OF INDIA & CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT

KALLOL KUMAR GHOSHAL
B.E. (Civil), M.E.
Chartered Engineer
Membership No. 100622
Regd. No. 8773 of RM
Validity upto 6.5.[illegible]

KALLOL KUMAR GHOSHAL
SIGNATURE OF STRUCTURAL ENGINEER

CERTIFIED ON THE PLAN ISSUED WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN AS PER PROVISION OF K.M.C. BUILDING RULES 1990 AS AMENDED FROM TIME TO TIME AND THE SITE CONDITIONS INCLUDING THE WIDTH OF THE ABUTTING ROAD/COMMON PASSAGE CONFIRM WITH THE PLAN AND THAT IT IS A BUILDABLE SITE & NOT A TANK OR FILLED UP TANK. THE PLOT IS BOUNDED BY A BOUNDARY WALL.

PARTHA PRATIM CHOWDHURY
2, Indu Park, P. Majumder Road,
Kolkata-700 0101
L.B.S. of Kolkata Municipal Corporation
L.B.S. No. 1196 (I)
Mob No.- 9038280115 / 8051107378

PARTHA PRATIM CHOWDHURY
LBS NO.- LBS/I/1196
SIGNATURE OF L.B.S

UNDERSIGNED HAS INSPECTED THE SITE AND CARRIED OUT SOIL INVESTIGATION THEREON. IT IS CERTIFIED THAT THE EXISTING SOIL OF THE SITE IS ABLE TO CARRY THE LOAD COMING FROM THE PROPOSED CONSTRUCTION AND THE FOUNDATION SYSTEM PROPOSED HEREIN IS SAFE & STABLE IN ALL RESPECT FROM GEO - TECHNICAL POINT OF VIEW.

KALLOL KUMAR GHOSHAL
G1/8/14
SIGNATURE OF GEO - TECHNICAL

Prodip Kumar Das
Constituted Attorney Holder of
Smt. Gouri Rani Mishra &
Sri. Kumad Chandra Kar

Ashirbad Realty Pvt.Ltd
Director

ASHIRBAD REALTY PRIVATE LIMITED
DIRECTOR SH. PRODIP KUMAR DAS C.A. OF
SMT. GOURI RANI MISHRA & SRI. KUMUD CHANDRA KAR

SIGNATURE OF OWNERS

STRUCTUEAL DRAWING OF A PROPOSED G + IV STORIED RESIDENTIAL BUILDING UNDER SECTION 393A OF K.M.C. ACT. 1980 COMPLYING BUILDING RULE 2009 AT PREMISES NO.- **1418, MUKUNDAPUR**, WARD NO.- 109, BOROUGH NO.- XII, KOLKATA - 700099, OUZA - NAYABAD, J.L. NO.- 25, R.S. DAG NO. - 167 & 168, R.S. KHATIANNO. 2- P.S - ANCHASAYAR.